

Part Number: PT233-33020

Section I - Installation Preparation

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Sub Woofer Assy
2	1	Wire Harness

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	7	Wire Ties
2	1	50mm x 50 mm Butyl Rubber Pad
3	1	Seat Clip
4	3	3" x 6" Foam Tape
5	1	Operation Manual

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1		
2		
3		

Conflicts

Note:- Premium Audio System, Passenger Power Seat

Recommended Tools

Safety Tools	
Vehicle Protection	Blankets
Hand Protection	Gloves
Special Tools	
Carpet Cutting Template	CAD IADS P/N: CAM02-027-01
Small Tip Nylon Pry Tool	
Installation Tools	
Phillips Screwdriver	
Socket	10 mm, 14 mm
Ratchet	
Extension	6 in.
Nylon Pry Tool	
Side Cutter	
Torque Wrench	3 lbf-ft, and 27 lbf-ft
Utility Knife K nife	
Special Chemicals	
Cleaner	3M™ Prep Solvent-70

General Applicability

Note:- LE, SE

Recommended Sequence of Application

Item #	Accessory	
1	EC Mirror	
2	TVIP	
3	Sub Woofer	

*Mandatory

Legend



STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.



OPERATOR SAFETY: Use caution to avoid risk of injury



CRITICAL PROCESS: Proceed with caution to ensure a quality installation. These points will be audited on a completed vehicle installation



GENERAL PROCESS: This highlights specific processes to ensure a quality installation. These points will be audited during the accessory installation



TOOLS & EQUIPMENT: This calls out the specific tools and equipment required for this process

Section II - Installation Procedure

+ NOTE: For vehicles equipped with side impact air bags - before disconnecting the SRS connector located under the passenger seat, wait 90 seconds minimum after battery disconnection.

A. Remove Center Cluster and Radio/Combo

- + 1.** Disconnect negative battery cable before any disassembly starts.
- STOP 2.** Place all removed parts on protected surface.
- 3. Remove AC/Heat control panel (Step 1 in Figure A1). Pry four clips using nylon pry tool. Then disconnect wires from AC/Heat controls. Clip location is depicted by arrows in Figure A1.
- 4. Remove AC Duct faceplate (Step 2 in Figure A1). Disconnect clock wire harness.
- 5. Use 10 mm socket to remove four bolts on Radio/Combo, disconnect wires and remove Radio/Combo.

A. Remove the Scuff Plate and Kick Panel

- 1. Remove scuff plate using nylon pry tool as indicated by arrows in Figure B1
- 2. Remove under dash cover by pressing on the indented areas (3 places) as indicated in Figure B2 and then pulling in a downward motion.
- 3. Remove kick panel using pry tool making sure to unscrew nut as shown in Figure B3

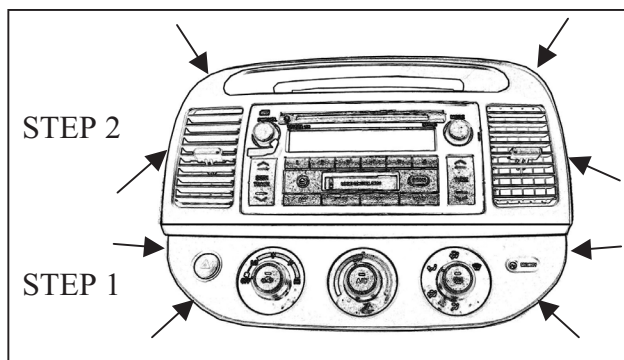


Figure A1



Nylon Pry Tool

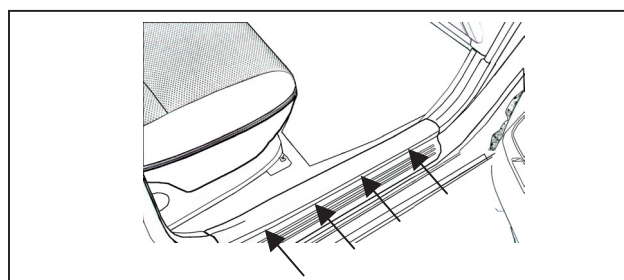


Figure B1



Nylon Pry Tool

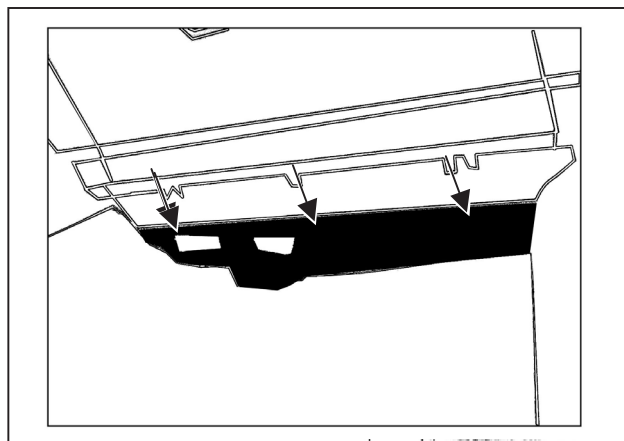


Figure B2

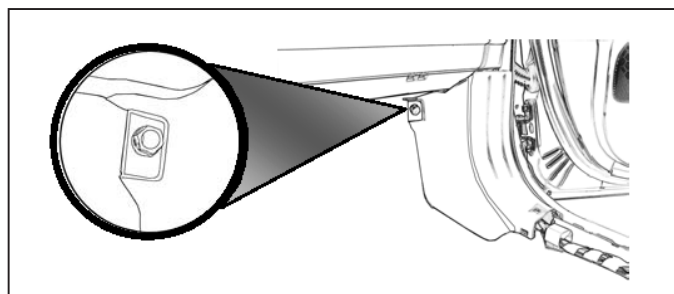


Figure B3



Nylon Pry Tool

B. Remove the Glove Compartment

1. Remove the bolt on lower right side of glove box. (Figure C1).
2. Remove cap on lower left side of glove box using the small tip NRT to reveal Phillips screw and remove. (Figure C1 inset).
3. Remove 3 Phillips screws from top of glove box. (Figure C1) and remove glove box.

C. Prepare Passenger Seat

1. Remove the two forward seat bolts using 14 mm socket. Tilt seat forward and slide forward.
2. Remove rear bolt covers.
3. Remove the 2 rear bolts.



NOTE: Before disconnecting the SRS connector located under the passenger seat, if equipped, ensure 90 seconds has passed since removing battery negative cable.



4. Apply vehicle protection to the center console area and tilt the seat back (be careful not to scratch vehicle and pull on wire harness), revealing bottom of seat and disconnect the connectors depicted in the circled area and remove the seat clip depicted by the arrow in Figure D1. A replacement clip is in the kit.

D. Route Wire Harness



1. Starting under the passenger seat, leave 3"-4" out of the carpet hole.



2. Route wire harness along same path as seat harness under the carpet until you get to scuff plate. Then route wire harness, using wire tie to fix bend, under the scuff plate on the outside of vehicle, use the existing clips to secure the wire harness along the scuff plate. (Figure E1).

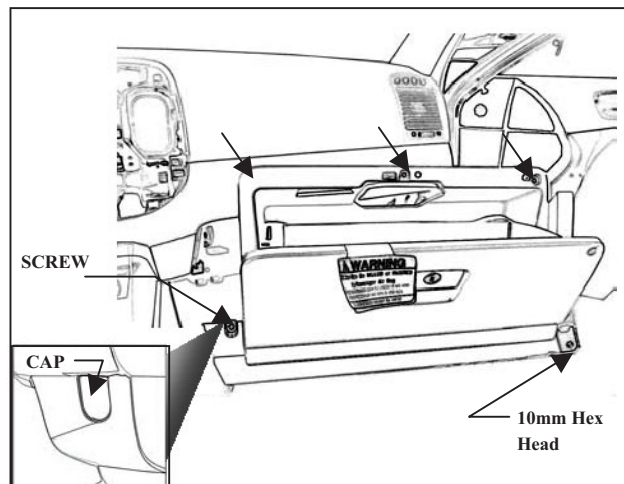


Figure C1



Ratchet 10 mm Socket
Phillips Screwdriver

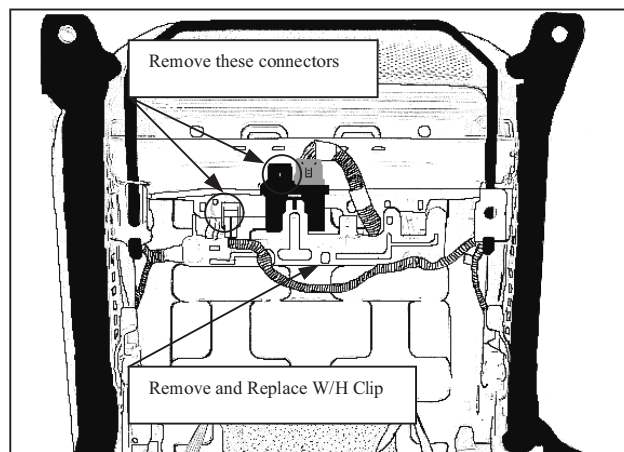


Figure D1

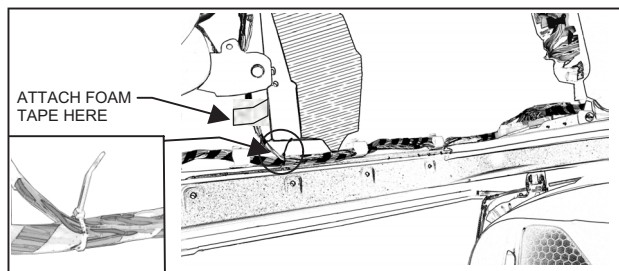


Figure E1

- ➡ 3. Route wire harness from scuff plate clips up through the glove compartment to back of head unit. (See Figure E2)
- ➡ 4. Route wire harness through center cluster as shown in Figure E3.
- ➡ 5. Secure the wire harness using one foam tape and one wire tie as indicated in Figure E1.
- ➡ 6. Secure the wire harness using the six wire ties as indicated by the circled areas in Figure E2.
- ➡ 7. Bundle any excess wire harness with the wire tie closest to the radio (Figure E2).
- ➡ 8. Use the T-connection plus 10 pin connector and plug into back of radio. Wrap the loose connectors with foam tape and wrap the fuse to the main harness with foam tape.

9. Clip the wire ties.

E. Install Sub Woofer

- ➡ 1. Place carpet cutting template in vehicle. The template is aligned to the rear seat bolts.
- ➡ 2. Using a razor knife, cut the carpet and foam padding. Lift the flap of carpet/padding up that was cut to expose the floor of the vehicle.
- ➡ 3. Clean floor of vehicle and rear bracket bottom with cleaner to remove dust and oils. Peel off paper coating from one side of butyl rubber adhesive and attach to rear of sub woofer bracket. Remove the other tape cover then install the sub woofer in vehicle using front locator pins as guides. (Figure F1) Replace carpet flap over rear bracket.
- ➡ 4. Lower seat to original position, making sure the seat locator pins go through the front brackets and into the floor holes.
- ⚠ 5. Hand start the seat bolts and then torque to 37 N-m (27 lbf-ft)

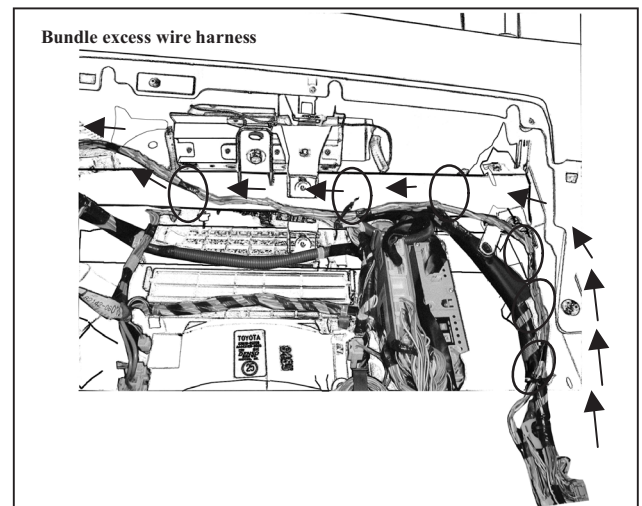


Figure E2

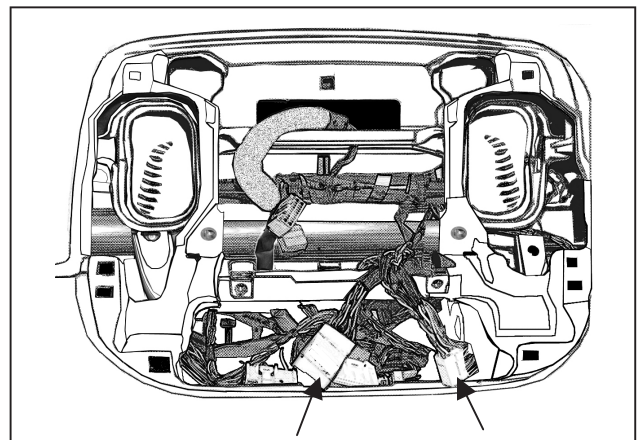


Figure E3

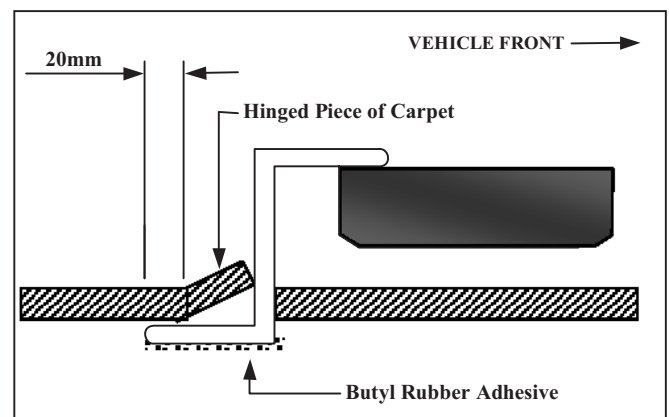


Figure F1

F. Reassemble Vehicle

1. When reinstalling the radio, hand start the bolts before using a wrench.



2. Reinstall all removed panels and parts. Be sure all panel clips are engaged properly.



3. Re-connect negative battery terminal with 4.1 N-m (3 lbf-ft). of torque.

4. **NOTE:** The sunroof may not operate correctly when the battery has been disconnected. If this is the case the sunroof needs to be reset do the following:
 - i. Cut the plastic roof protection wrap (if present) using a Nylon Removal Tool or a Plastic squeegee on the right, left, and rear edges of the sunroof.
 - ii. Then normalize the sunroof by pushing and holding the switch to the "TILT UP" side until the sunroof tilts all the way up and then tilts down a little automatically (approx. 10 mm at the rear).
 - iii. Confirm SLIDE/OPEN and TILT/UP functions.
 - iv. When completed, make sure the sunroof is completely closed.



5. Place Operation Manual into glove box.



Section III - Functional Verifications

Check: _____

Look For: _____

Accessory Function Checks

- ☐ Turn on radio
- ☐ Antenna is functioning
- ☐ Sub woofer operation

Radio display turns on
Reception of AM/FM stations
Sub woofer - Listen to sub woofer to make sure it is functioning properly or by feeling the sub woofer for vibration

Vehicle Function Checks

- ☐ Power Sunroof (if equipped)
- ☐ Hazard Lights
- ☐ HVAC
- ☐ Clock (if equipped)
- ☐ Rear Window Deffoger (if equipped)
- ☐ Seat Belt Warning Light

- ☐ Glove Box Light (if equipped)
- ☐ Security, (if equipped)
- ☐ SRS Lamp, (if equipped with passenger side air bag)

Functioning Sunroof.
Functioning Hazard Lights
All HVAC Controls Function
Functioning Clock
Functioning Rear Window Deffoger
Functioning Seatbelt Warning Light. If the warning light remains "ON", it may indicate a system malfunction.
Functioning Glove Box Light
Security lamp illuminates (flashes)
SRS Warning lamp illuminates approximately 3 seconds then goes off.

Preparation

Part Number: 08601-00871**Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Changer Harness
2	1	Changer Unit
3	1	Base Bracket
4	1	Magazine
5	2	Side Bracket
6	2	Upper Back Bracket

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	2	M5 Nuts
2	4	M5 x 8 Screws
3	2	M5 x 10 Screws
4	4	M5 x 16 Screws
5	2	Foam Tape (Strips)

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1	1	AVC LAN Wire Harness P/N: 08695-00370

Conflicts

Note: Cannot be installed on vehicles with factory 6 Disc CD changer.

Recommended Tools

Personal & Vehicle Protection	Notes
Vehicle Protection	Blankets
Hand Protection	Gloves
Special Tools	Notes
None	
Installation Tools	Notes
Phillips Screwdriver	
Socket	8 mm, 10 mm, 12 mm
Ratchet	
Nylon Panel Removal Tool	e.g. Panel Pry Tool #1 Toyota SST # 00002-06001-01
Extension	
Torque Wrench	
Scissors	
Test CDs	3 Discs
Special Chemicals	Notes
None	

NOTE: Part number of this accessory may not be the same as the part number shown.

General Applicability

Note: Cannot be installed on vehicles with factory 6-Disc CD Changer.

Recommended Sequence of Application

Item #	Accessory
1	TVIP
2	EC Mirror
3	Audio
4	Satellite Radio

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		
2		
3		

Legend

STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.



OPERATOR SAFETY: Use caution to avoid risk of injury.



CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.



TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:-

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

1. Disassemble Switch Unit and Center Cluster.



- (a) Remove negative (-) battery terminal with 10 mm socket before any disassembly starts.

(1) For sunroof fitted North American built 2005MY Camry vehicles, do NOT disconnect battery within 10 seconds of shutting off the ignition switch. This will remove the need to reset the sunroof later.

- (b) Wait for at least 90 seconds (for air bag safety) after the vehicle battery is disconnected before beginning installation.



- (c) Be sure to protect removed parts and panels with protection (blankets) during installation.
- (d) Use panel removal tool to disengage clips at positions 1 and 2, in numerical order shown to the switch unit. Next remove positions 3 and 4. (Fig. 1-1)
- (e) Use panel removal tool to disengage clips at positions 5 and 6, in numerical order shown to the center cluster. Next remove positions 7 and 8. (Fig. 1-1)

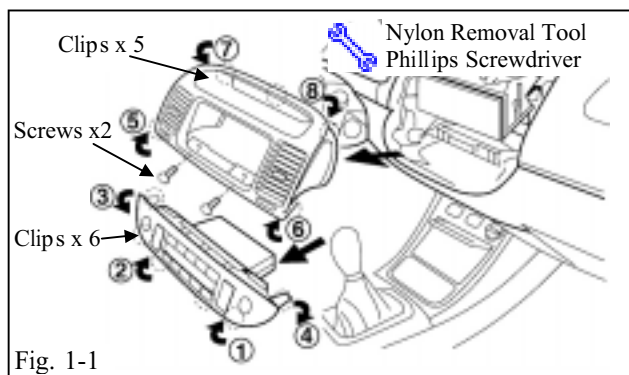


Fig. 1-1

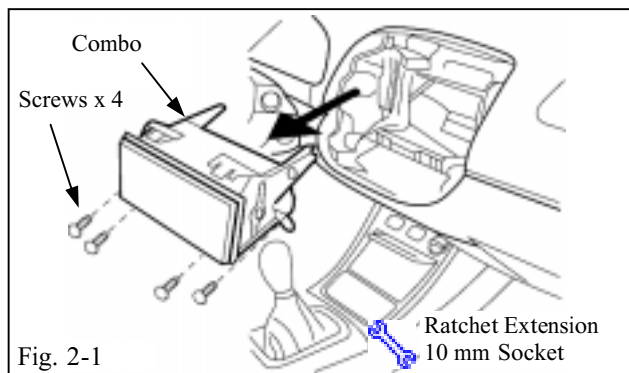
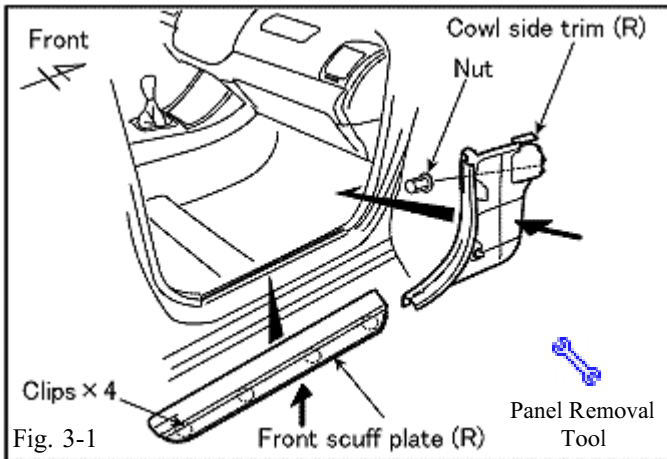


Fig. 2-1

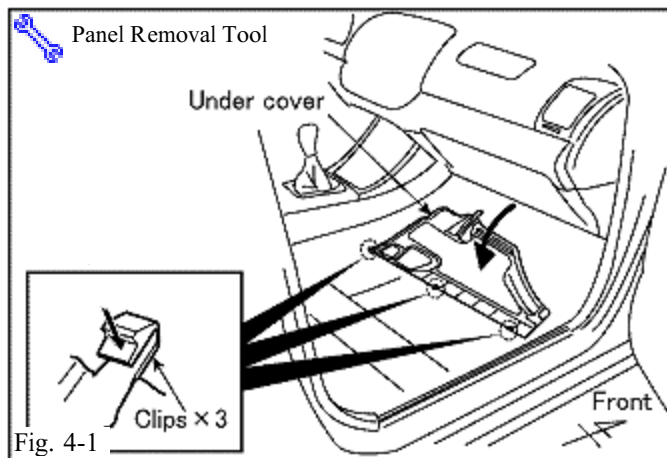
2. Remove the Radio/Combo.

- (a) Use 10 mm socket and extension to remove bolts located on combo. (Fig. 2-1)
- (b) Remove combo and disconnect connectors and antenna cable.



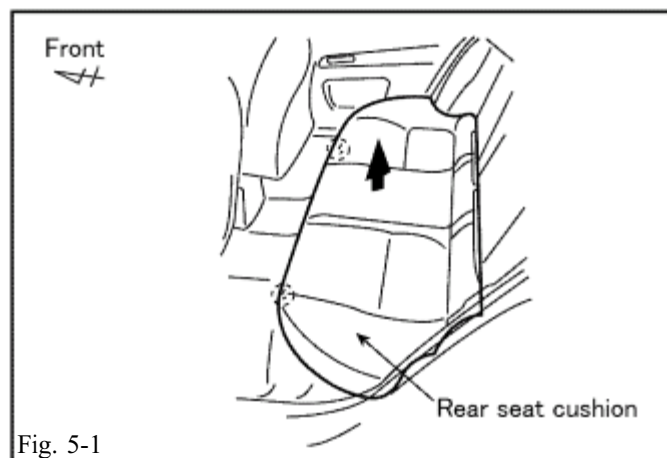
3. Remove the Front RHS Scuff Plate and RHS Cowl Side Trim.

- Use panel removal tool to disengage clips on front right scuff plate. (Fig. 3-1)
- Remove front scuff plate. (Fig. 3-1)
- Remove right cowl side trim nut by turning counter clockwise. (Fig. 3-1)
- Remove cowl side trim. (Fig. 3-1)



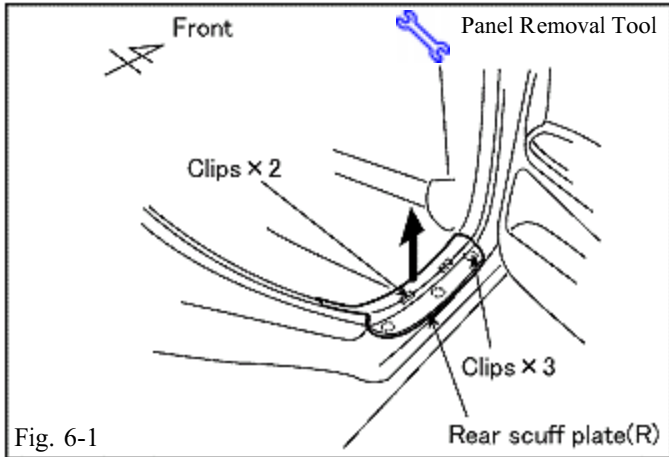
4. Remove the Under Dash Cover.

- Remove the under dash cover
 - Use panel removal tool to disengage the three clips on under dash cover. (Fig. 4-1)



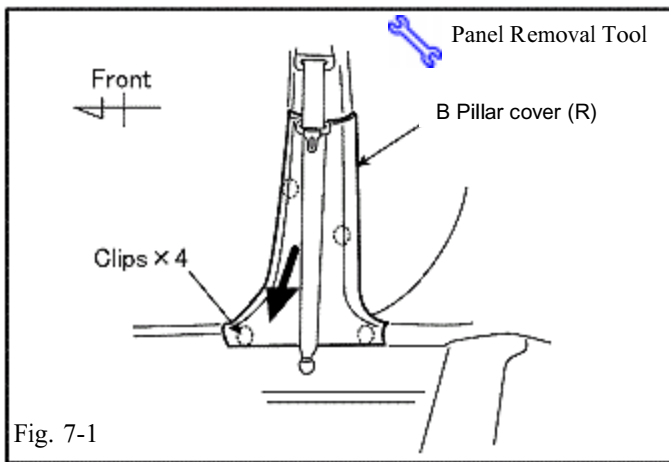
5. Remove the Rear Seat Cushion.

- Lift rear seat cushion straight up disengaging clips located beneath. (Fig. 5-1)
- Push female seat belt receptacles through seat cushion holes.
- Remove rear seat cushion. (Fig. 5-1)



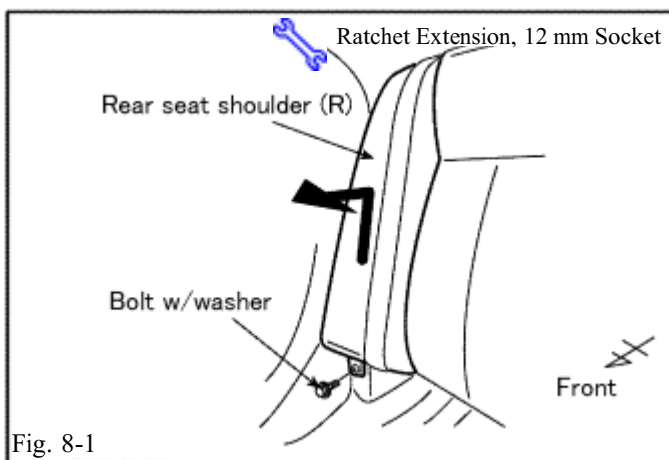
6. Remove the Passenger's Side Rear Scuff Plate.

- (a) Use panel removal tool to disengage clips on rear right scuff plate. (Fig. 6-1)
- (b) Remove the rear scuff plate. (Fig. 6-1)



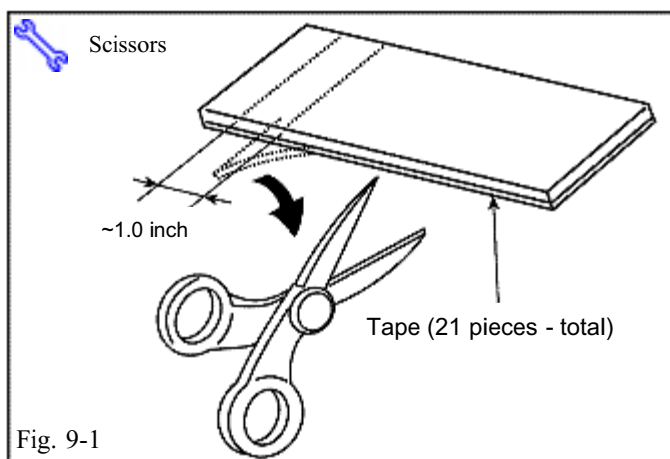
7. Remove the Passenger's Side B Pillar Cover.

- (a) Use panel removal tool to disengage clips on right B pillar cover. (Fig. 7-1)
- (b) Remove the B pillar cover. (Fig. 7-1)



8. Remove the Passenger's Side Rear Seat Shoulder.

- (a) Use 12 mm socket and extension to remove the bolt located on rear right seat shoulder. (Fig. 8-1)
- (b) Remove the rear seat shoulder. (Fig. 8-1)



9. Cut the Foam Tape.

- Cut the two strips of foam tape in sections of approximately 1-inch width to provide 21 strips (total.) (Fig. 9-1)

10. Route the Changer Wire Harness through Passenger's Front Foot Well.

- Route changer wire harness up through the center cluster to combo unit.
- Connect changer wire harness to the large male connector on the AVC-LAN wire harness adapter. Fig. 10-1.

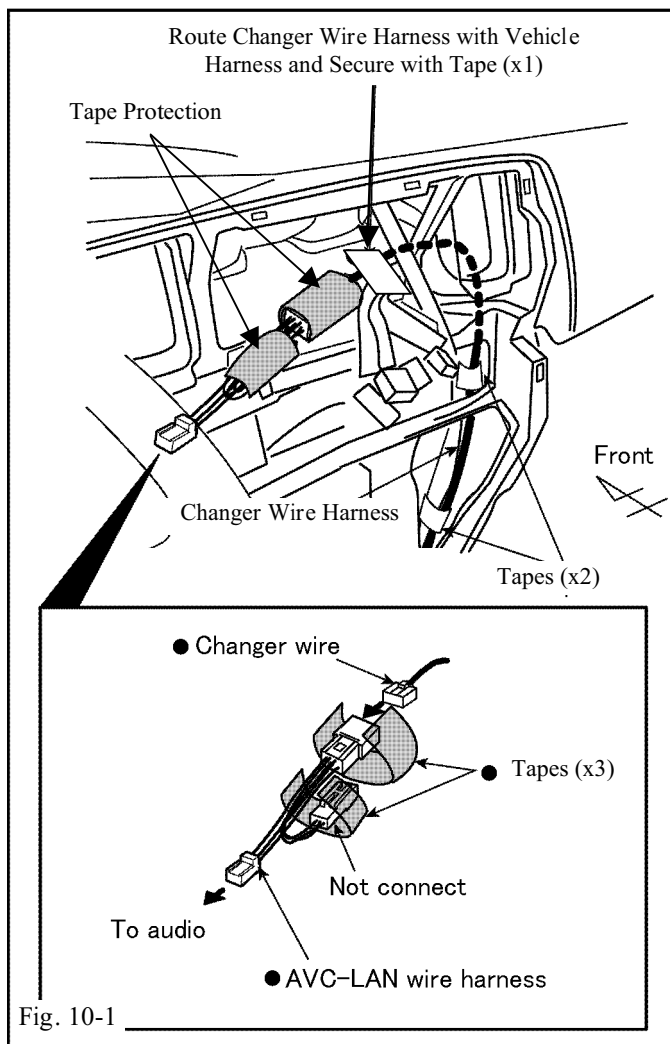


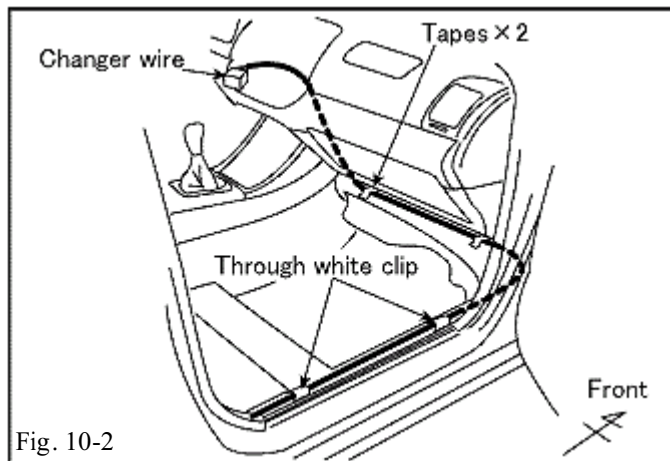
- Wrap this connector with two (2) pieces of foam tape to prevent rattles. (Fig. 10-1 (inset))



- Wrap the small male connector to the AVC-LAN wire harness adapter with one (1) piece of foam tape to prevent rattles. (Fig. 10-1 (inset))

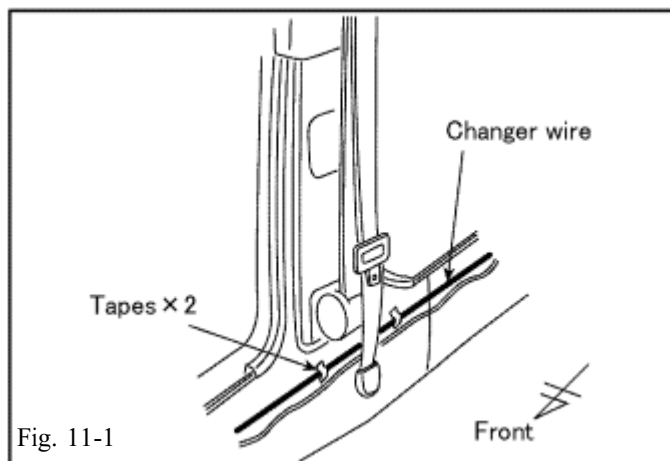
- Route the changer wire harness with vehicle harness and secure with foam tape.





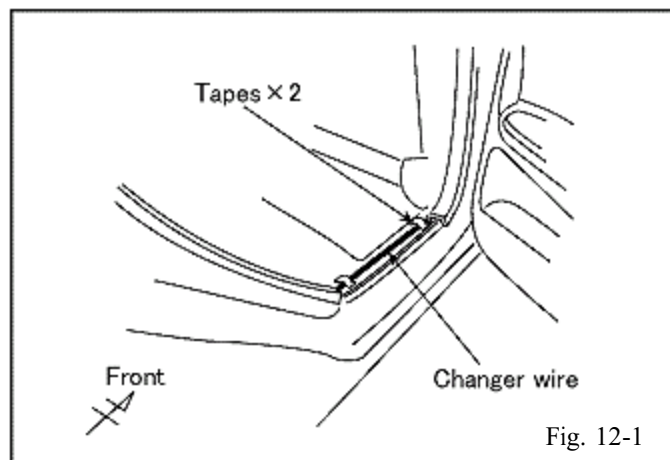
- (e) Route the other end of changer wire harness along the firewall below the glove box. (Fig. 10-2)
- (1) Roll back floor carpet as shown.
- (f) Continue to route harness around the inside of main vehicle harness located in cowl area.
- (g) Continue to route the harness to the B pillar and place harness through white clips. (Fig. 10-2)
- (h) Take up slack and place tape on harness (taping to firewall) in both positions shown. (Fig. 10-2)

11. Route the Changer Wire Harness through Passenger's Side B Pillar.

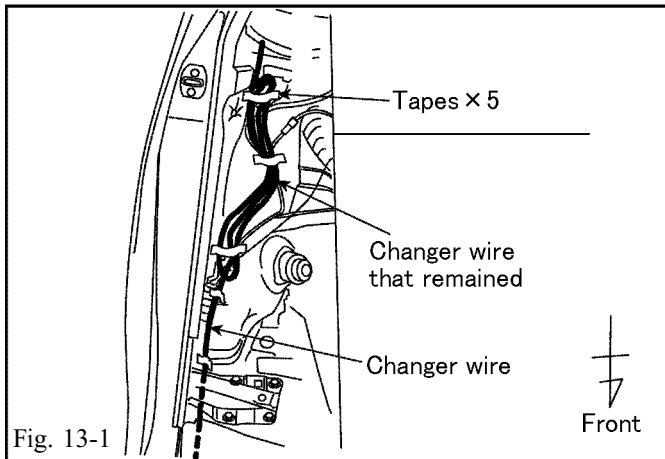


- (a) Continue to route changer wire through the B pillar making sure the wire is inside of seat belt receptacle. (Fig. 11-1)
- (b) Take up slack and place tape on harness in both positions shown. (Fig. 11-1)

12. Route the Changer Wire Harness through Passenger's Side Rear.

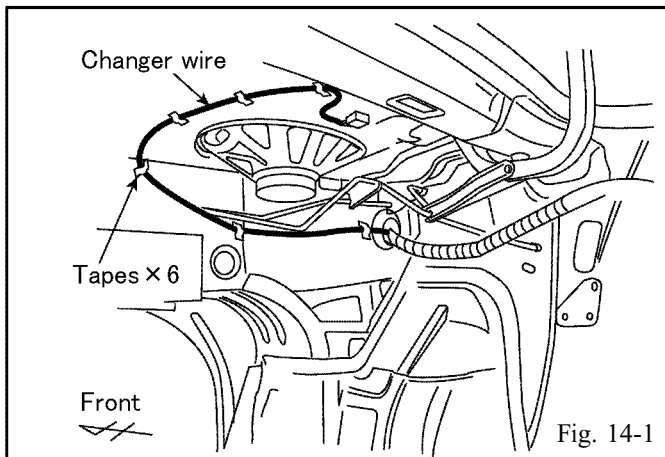


- (a) Route harness under rear seat to the right rear wheel well. (Fig. 12-1)
- (b) Take up slack and place tape on harness in both positions shown. (Fig. 12-1)



13. Route the Changer Wire Harness through Passenger's Side Rear Seat Shoulder.

- (a) Route changer wire along rear wheel well and through duct hole to trunk area. (Fig. 13-1)
- (b) Bundle excess wire harness and tape in five positions shown. (Fig. 13-1)



14. Route the Changer Wire Harness along Trunk Interior.

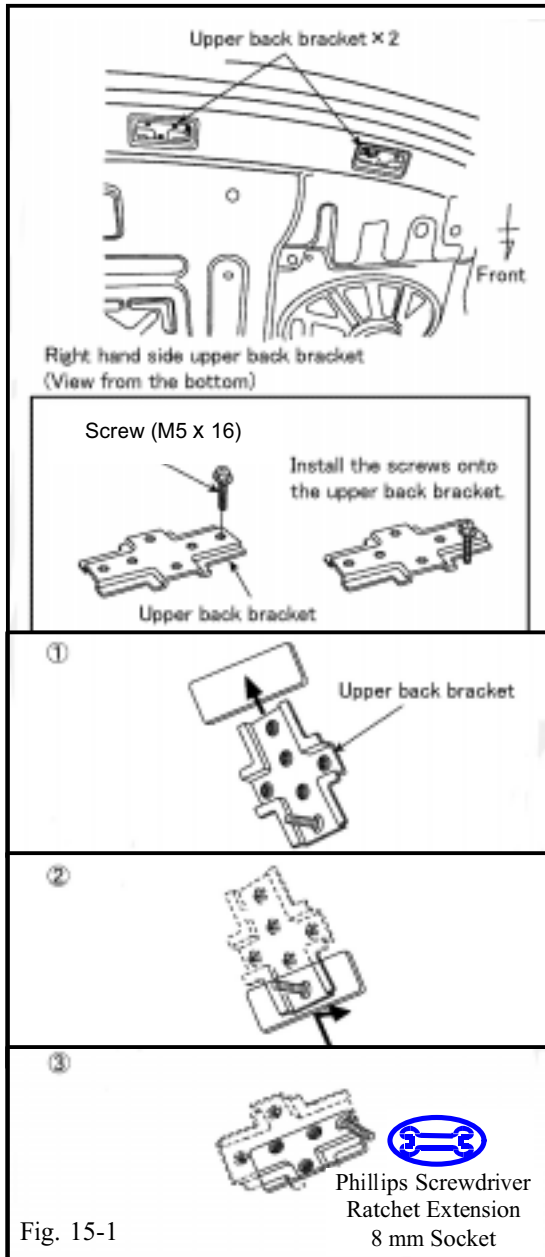
- (a) Through the passenger's side luggage interior trim, route the changer wire above trunk mounting bar and along edge in top of trunk housing until the second hole location. (Fig. 14-1)
- (b) Take up slack and place tape on harness in six positions shown, (Fig. 14-1.)

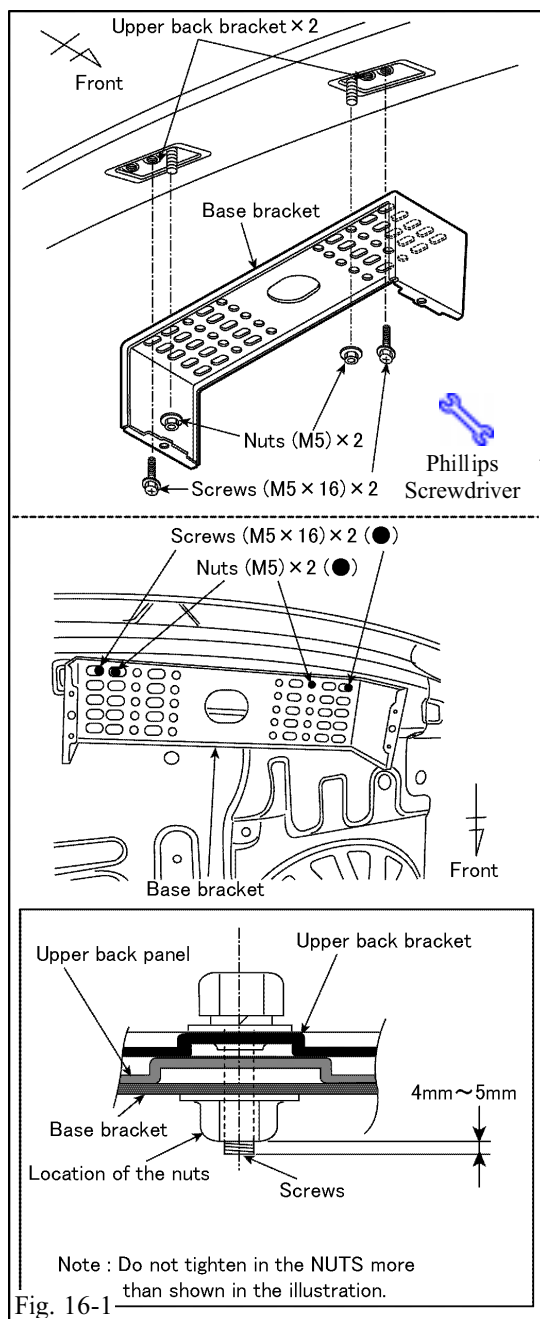
15. Install the Upper Back Brackets.



NOTE: Use the M5 x 16 screws for upper back brackets.

- (a) Assemble screws on the upper back brackets as shown in illustration. (Fig. 15-1)
- (b) Place brackets into passenger's side holes located on top of trunk housing. (Fig. 15-1)



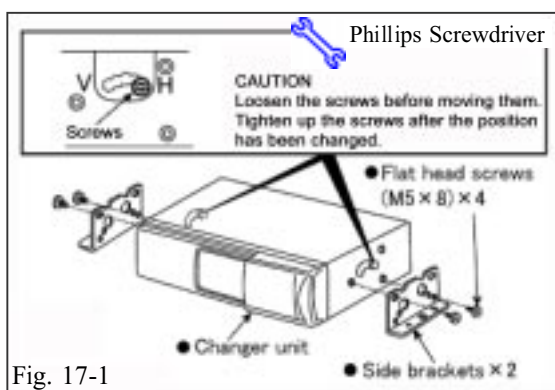


16. Install the Base Bracket to the Upper Back Brackets.

(a) Attach base bracket to upper back bracket by hand tightening nuts and screws. (Fig. 16-1)



(b) Tighten bolts using 8 mm socket. Be sure there is no more than 4 mm to 5 mm between screw tip and nut as shown in illustration. (Fig. 16-1)

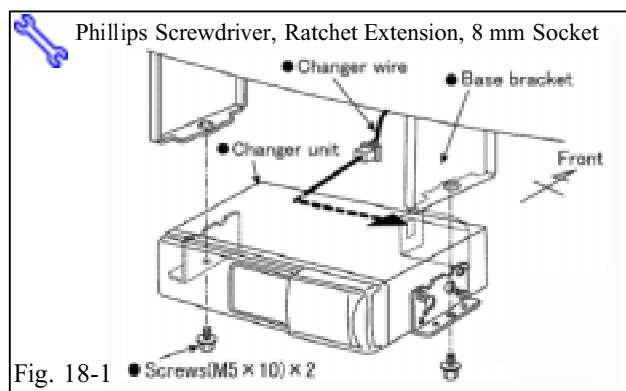


17. Install the Side Brackets to the Changer Unit.



NOTE: Before installing the Changer Unit, change the two "V-H" screws into the "H" (horizontal) position when it is installed horizontally.

(a) Using Phillips screwdriver, attach the side brackets to the changer unit. (Fig. 17-1)



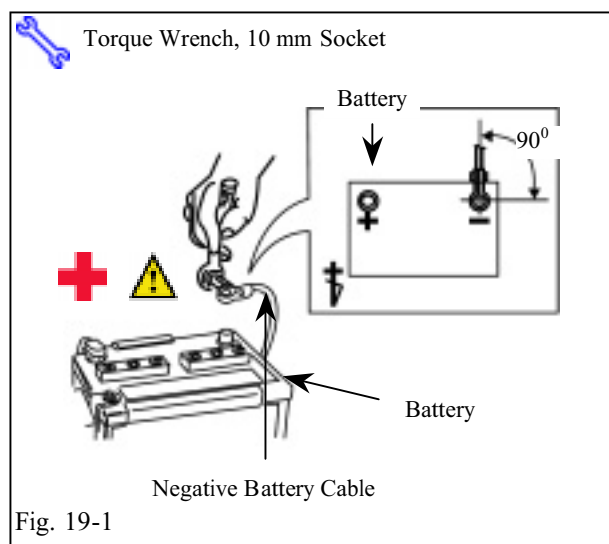
18. Complete Install of Changer Unit.

- (a) Connect the 12-pin changer wire connector to CD changer. (Fig. 18-1)
- (b) Use 8 mm socket to attach changer unit to base bracket. (Fig. 18-1)

19. Reassemble the Vehicle.



- (a) Reinstall all removed panels and parts. Be sure that all panel clips are engaged properly.
- (b) Reconnect vehicle negative battery cable. (Fig. 19-1)



- (1) Position the negative terminal at an angle of 90° to the battery as shown.
- (2) Tighten the nut to 4.1 N-m (36 lbf-in).
- (3) Do not touch the positive terminal with any tool when replacing the cable.

NOTE: The sunroof may not operate correctly when the battery has been disconnected. If this is the case the sunroof needs to be reset do the following:

- (4) Cut the plastic roof protection wrap (if present) using a Nylon Removal Tool or a Plastic squeegee on the right, left, and rear edges of the sunroof.
- (5) Then normalize the sunroof by pushing and holding the switch to the "TILT UP" side until the sunroof tilts all the way up and then tilts down a little automatically (approx. 10 mm at the rear).
- (6) Confirm SLIDE/OPEN and TILT/UP functions.
- (7) When completed, make sure the sunroof is completely closed.



- (c) Place Operation Manual into glove box.

TOYOTA CAMRY 2005 - 6-DISC CD CHANGER

Checklist - these points **MUST** be checked to ensure a quality installation.

Check:	Look For:
<u>Accessory Function Checks</u> ☐ Turn on radio ☐ Antenna is functioning ☐ CD Changer operation	Radio display turns on Reception of AM/FM stations CD Changer - Try several different discs and tracks. Verify Changer is functioning properly.
<u>Vehicle Function Checks</u> ☐ Power Sunroof (if equipped) ☐ Hazard Lights ☐ HVAC ☐ Clock (if equipped) ☐ Rear Window Defogger (if equipped) ☐ Seat Belt Warning Light ☐ Glove Box Light (if equipped) ☐ Security, (if equipped) ☐ SRS Lamp, (if equipped with passenger side air bag) ☐ Steering wheel audio control functions	Functioning Sunroof. Functioning Hazard Lights All HVAC Controls Function Functioning Clock Functioning Rear Window Defogger Functioning Seatbelt Warning Light. If the warning light remains "ON", it may indicate a system malfunction. Functioning Glove Box Light Security lamp illuminates (flashes) SRS Warning lamp illuminates approximately 3 seconds then goes off. Audio controls function correctly

Part Number: PTS31-00051**Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Antenna, Interior
2	1	Antenna Tape Pad
3	1	Wire Harness
4	1	Bracket, Floor
5	2	Hardware Bags
6	3	Templates
7	1	SIRIUS Satellite Radio Brochure

Hardware Bag Contents - 1

Item #	Quantity Req'd.	Description
1	6	Foam Pads
2	7	Lock Ties
3	4	Double-Sided Tape

Hardware Bag Contents - 2

Item #	Quantity Req'd.	Description
1	8	Screw (6-32x5/16)
2	3	Nut (Hex 6-32) DO NOT USE

Hardware Bag Contents - 3

Item #	Quantity Req'd.	Description
1	1	"A" Pillar Clip DO NOT USE
2	2	Self-Tapping Screws DO NOT USE

Conflicts

- Subwoofer
- External 6 disc Changer

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Goggles	
Seat Covers	
Floor Protector	When cutting carpet
Special Tools	Notes
None	
Installation Tools	Notes
Ratchet	
Extension	
Sockets	10 mm, 14 mm
Screwdriver	Phillips, #2

Nylon Panel Removal Tool	e.g. Panel Pry Tool #1 Toyota SST # 00002-06001-01
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NOTE: Part number of this accessory may not be the same as the part number shown.

Low Adhesion Tape	50 mm width
Torque Wrench	
Side Cutter	
Scissors	
Carpet Cutting Knife	Matt Knife
Tape Measure	Metric
Plastic Spreader	61/4" Plastic Bondo Spreader
Special Chemicals	Notes
Cleaner	Windex or Approved Cleaner

General Applicability

Note:-

Recommended Sequence of Application

Item #	Accessory
1	
2	
3	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		
2		
3		

Legend

STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.



OPERATOR SAFETY: Use caution to avoid risk of injury.



CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.



TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.



REVISION MARK: This mark highlights a change in installation with respect to previous issue.

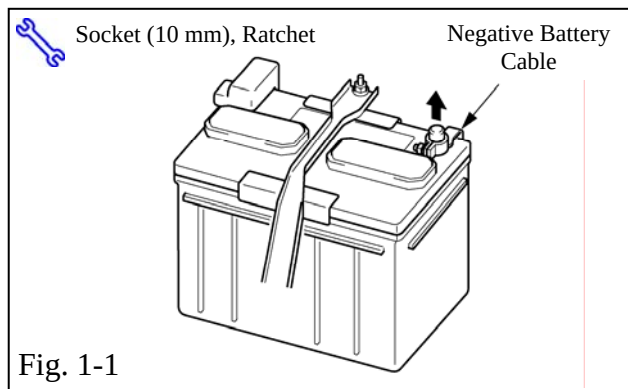
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:-

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.



1. Vehicle Disassembly.

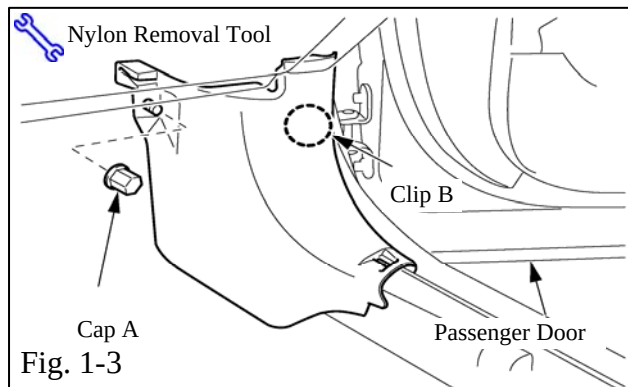
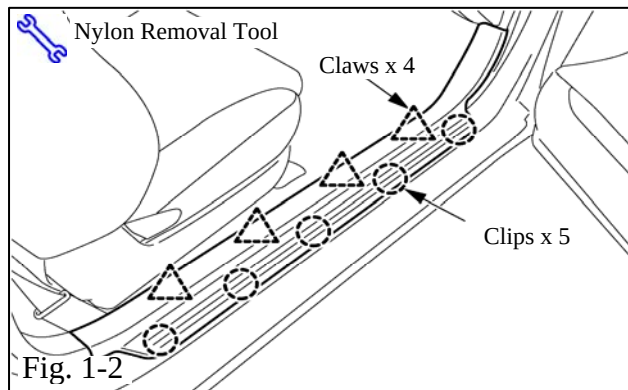


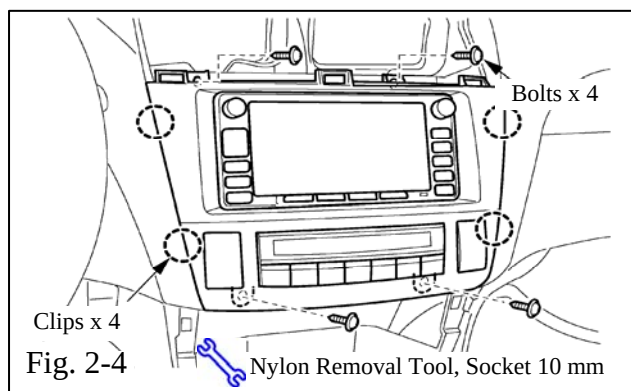
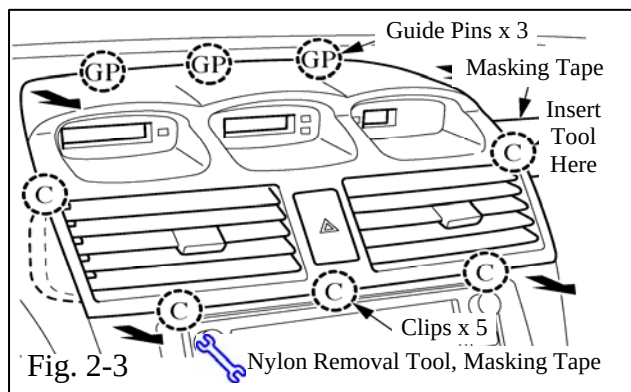
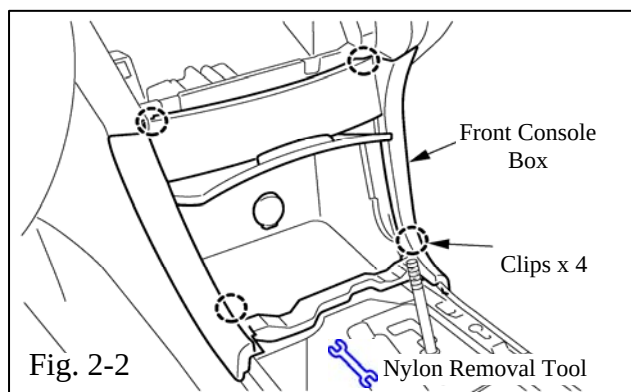
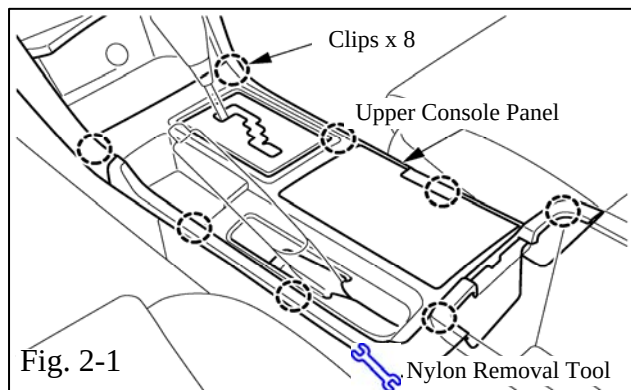
- (a) Set parking brake.
- (b) Remove the negative battery cable.
(Fig. 1-1)



- (1) Protect the fender before starting.
- (2) Do not touch the positive terminal with any tool when removing cable.

- (c) Disengage the clips and claws and remove the passenger side door scuff plate.
(Fig. 1-2)
- (d) Remove the passenger side cowl side trim as follows:
 - (1) Remove cap A. (Fig. 1-3)
 - (2) Disengage clip B and remove the cowl side trim.





2. Solara - Loosen the Radio/Player Head Unit.

NOTE: The removal procedure (Steps B. 1 & B. 2.) for the cluster finish panels is the same for both navigation and non-navigation head units.

(a) Remove the upper console panel as follows:

- (1) Open the front and rear console box lids.
- (2) Shift into Neutral (N), and then unscrew the shift knob.
- (3) Disengage the eight (8) clips and remove the upper console panel. (Fig. 2-1)

(b) Remove the front console box as follows:

- (1) Disengage the four (4) clips, and then remove the front console box. (Fig. 2-2)

Note: The following steps c & d are not required if installer wishes to plug in the receiver harness without removing the radio. (See Fig. 9-2)

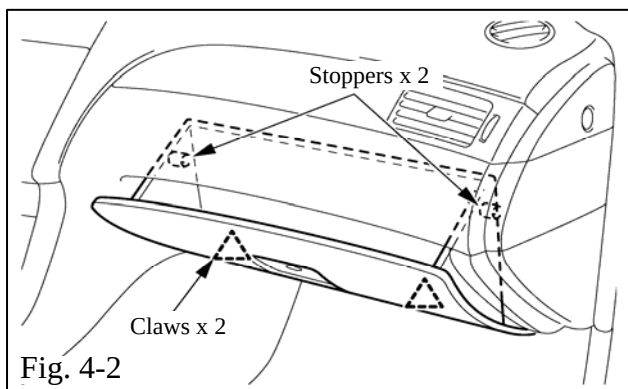
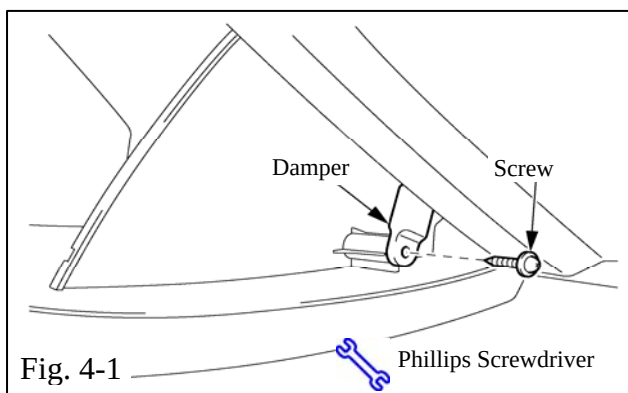
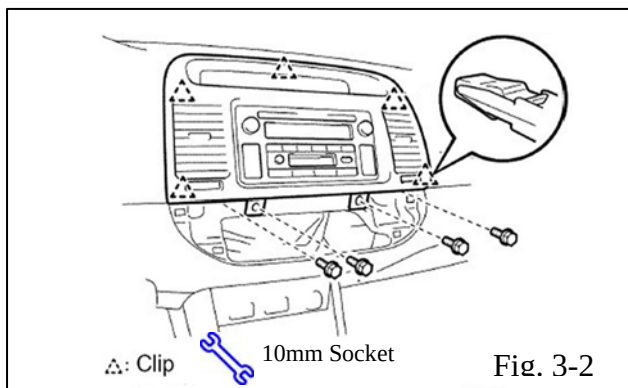
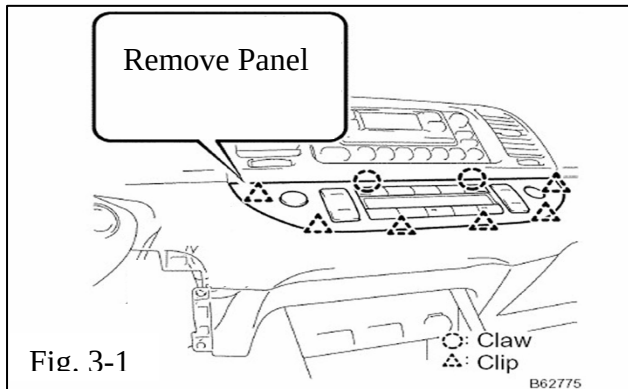
(c) Remove the instrument cluster upper finish panel as follows:

-  (1) Use masking tape to protect the surface trim.
-  (2) Insert the nylon removal tool at the side edge of the upper panel to disengage the clips, and then slide the upper panel toward the rear of the vehicle to remove it. (Fig. 2-3)

(3) Disconnect the connectors.

(d) Loosen the instrument cluster lower finish panel and head unit as follows:

- (1) Remove the four (4) bolts to loosen the instrument cluster lower finish panel with head unit. (DO NOT REMOVE FINISH PANEL & HEAD UNIT) (Fig. 2-4)



3. Camry – Loosen the Radio/Player Head Unit.

NOTE: The removal procedure for the cluster finish panels is the same for both navigation and non-navigation head units.

(a) Remove the instrument cluster lower finish panel as follows:

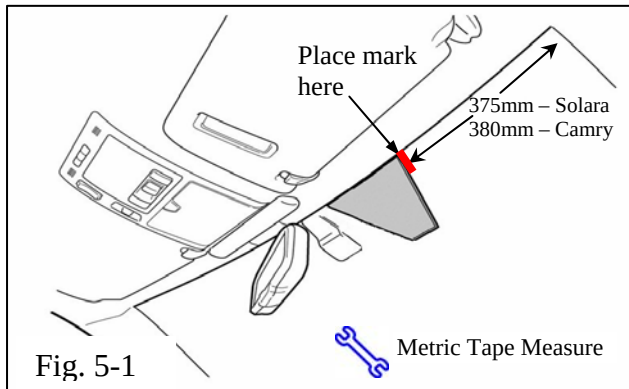
- (1) Use low adhesion tape to protect the surface trim.
- (2) Insert the nylon removal tool at the side edge of the lower panel to disengage the clips, and then slide the lower panel toward the rear of the vehicle to remove it. (Fig. 3-1)
- (3) Disconnect the connectors.

(b) Remove the instrument cluster upper finish panel and loosen the head unit as follows:

- (1) Remove the four (4) bolts and loosen the instrument cluster upper finish panel with head unit. (DO NOT REMOVE FINISH PANEL & HEAD UNIT) (Fig. 3-2)

4. Remove the Glove Compartment Door.

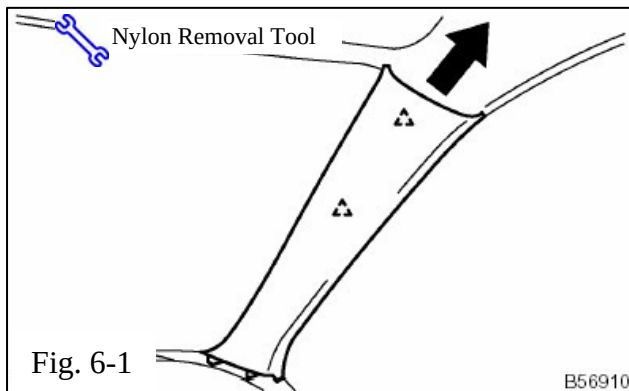
- (a) Disconnect the damper from the right end of the glove compartment box. (Fig. 4-1)
- (b) Squeeze both ends of the glove compartment door, and then fully extend the box past the stoppers. (Fig. 4-2)
- (c) Disengage the claws, and then remove the glove compartment door. (Fig. 4-2)



5. Mark Window for Antenna Placement

Note: Before marking the window you must clean the antenna mounting area with Windex and then mark the mounting location of the tape pad.

- (a) Measure from the right side of the tape pad over to the right side “A” pillar (375mm for Solara & 380mm for Camry) and place a mark on the window as shown. (Fig. 5-1)



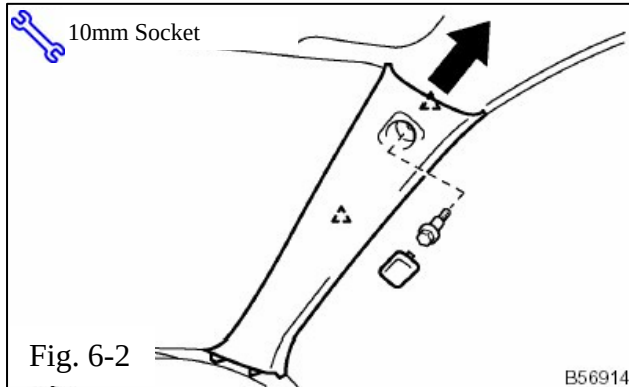
6. Camry - Remove the “A” Pillar Garnish.

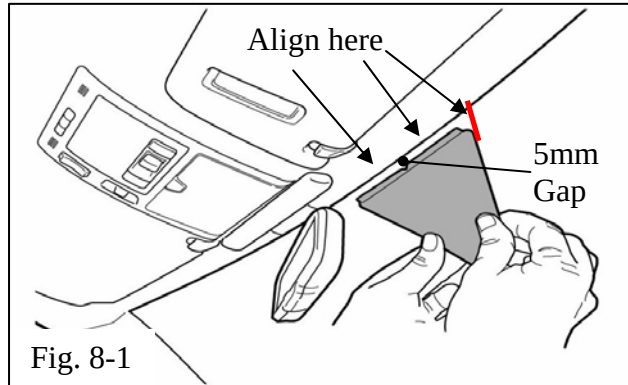
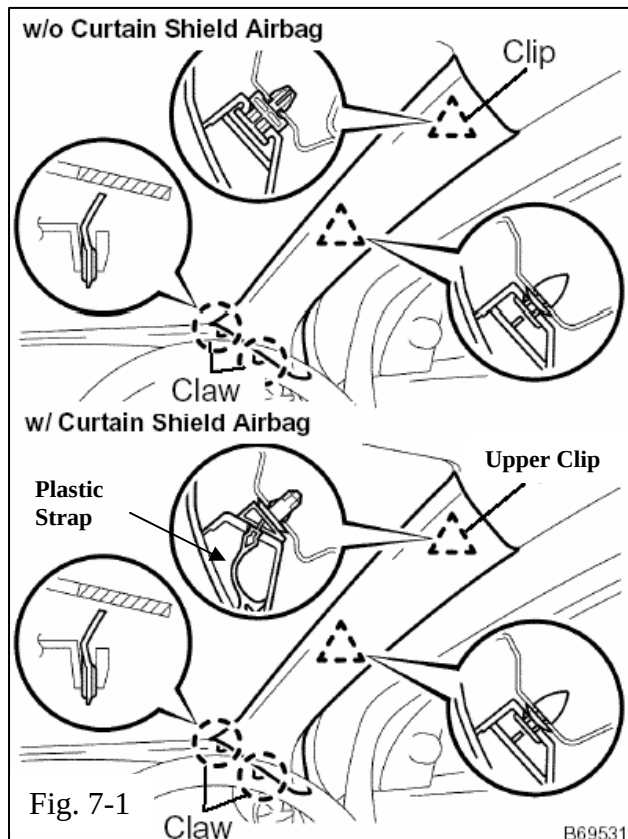
W/O Curtain Side Air Bag

- (a) Using a nylon removal tool, remove the garnish by inserting the tool under the garnish and then prying outward until the clips are disengaged. (Fig. 6-1)
- (b) Slide upward to remove the garnish.

With Curtain Side Air Bag

- (c) Using a nylon removal tool, remove the bolt cover. (Fig. 6-2)
- (d) Using a 10mm socket, remove the bolt.
- (e) Insert a nylon removal tool under the garnish and pry outward to release the center clip.
- (f) Slide upward to remove the garnish.





7. Solara - Remove the "A" Pillar Garnish.

W/O Curtain Side Air Bag

-  (a) Insert a nylon removal tool under the garnish and then pry outward until the clips are disengaged. (Fig. 7-1)
- (b) Slide upward to remove the garnish.

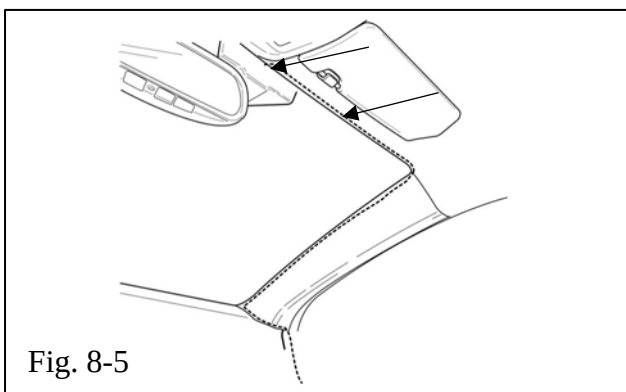
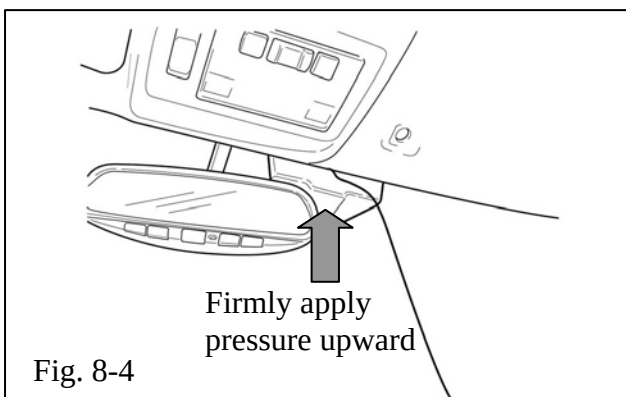
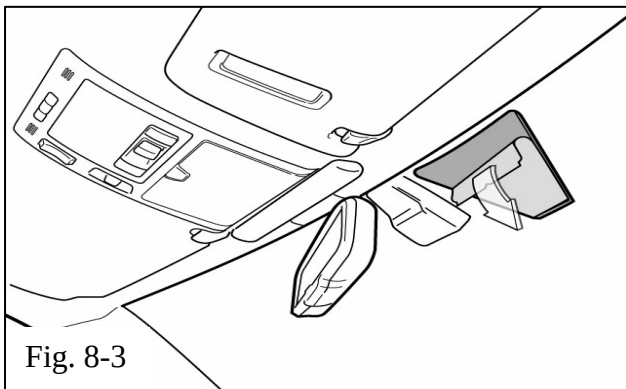
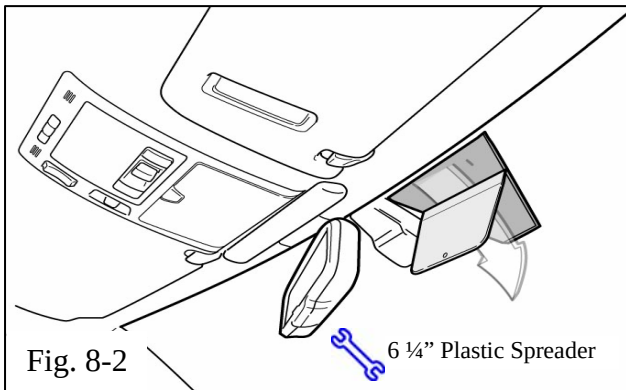
With Curtain Side Air Bag

-  (c) Insert a nylon removal tool under the garnish and pry outward to release both clips.
-  (d) Using needle nose pliers grab the plastic strap on the upper clip and turn it 90° to release it from the garnish as shown. (Fig. 7-2)

8. Install the Antenna.

-  **Note:** Mounting location must be completely dry & installation temperature must be between 60° - 100° F before mounting the tape pad.

- (a) Place the pad in the correct mounting location.
 - (1) At this point only remove the white release paper from the mounting pad.
 - (2) When placing the pad on the window, align the red release paper pull-tab with approximately 5mm gap from the front of the headliner and then align with the mark on the window as shown. (Fig 8-1)
 - (3) Initially only stick the very top edge of the tape pad onto the window.



- (b) Complete the installation of the tape pad.
(Fig 8-2)



- (1) Using a 6 1/4" Plastic Spreader start from the top of the tape pad and evenly squeegee down the pad to assure complete wet-out of the tape.

NOTE: Spreader must completely cover the width of the tape pad in one downward stroke in order to assure complete wet-out of the tape.

- (c) Remove the red release paper from the front of the antenna tape pad. (Fig. 8-3)

- (d) Remove the 3 release tabs from the back of the antenna, and place the antenna in the proper position directly over the mounting pad. (Fig. 8-4)

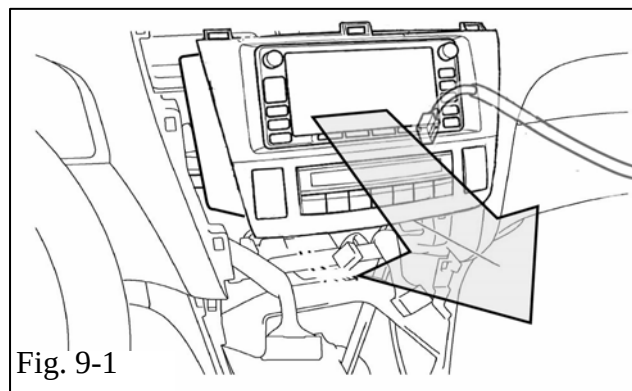
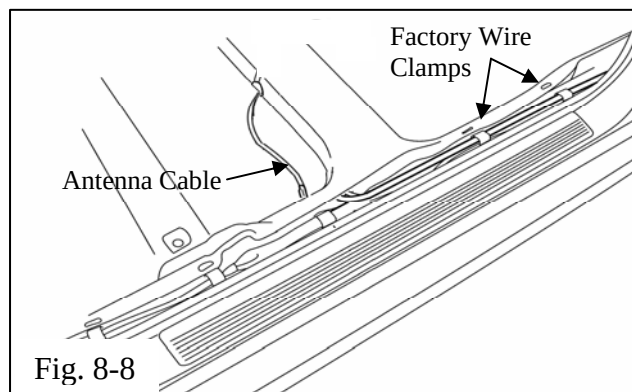
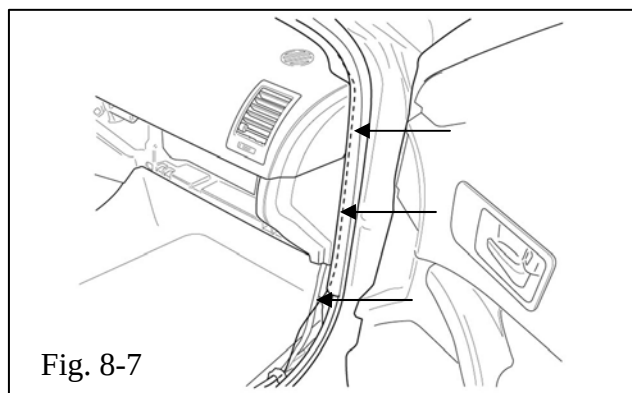
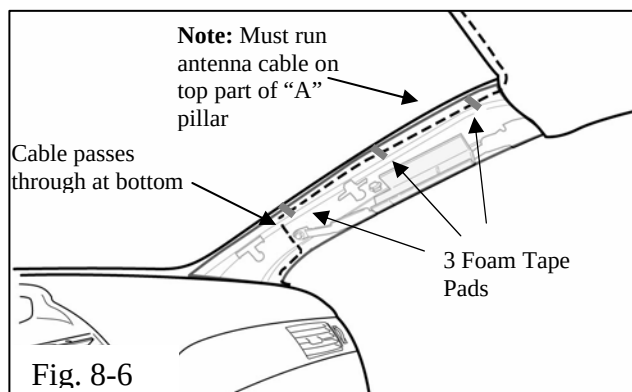


- (1) By hand firmly apply pressure upward on the antenna to assure complete wet-out of the tape pads.

- (e) Route the antenna cable up underneath the front of the headliner as shown. (Fig. 8-5)

- (1) By hand pull down the front of the headliner and position the antenna cable up underneath the headliner as shown.

Note: Installer may remove the inside clip on the sun visor to gain easier access to the headliner if desired.



- (2) Route the cable down the upper part of the "A" pillar as shown. (Fig. 8-6)
- (3) Cut the foam tape pads supplied in kit in half and place 3 strips along the cable to hold in position as shown. (Fig. 8-6)

(f) On vehicles with side curtain airbags:



- (1) Make sure the cable is located all the way at the top of the "A" pillar so it does not interfere with the air bag system.



- (2) Make sure the cable passes through the garnish at the bottom part of the "A" pillar so it does not interfere with the airbag system. (Fig. 8-6)

- (g) Continue routing the cable down the door opening under the door seal rubber molding as shown. (Fig. 8-7)

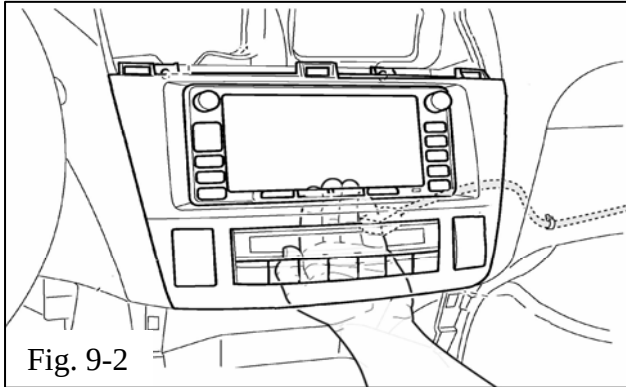
- (h) Route the cable inside the factory harness wire clips along the doorsill. After the seat is moved in step 10 the cable will continue under the carpet to where the receiver module will be installed. (Fig. 8-8)

9. Install and Route the Receiver Harness.

- (a) Install and route the receiver harness from the center cluster and along the front support bar. (Fig. 9-1)



- (1) Gently pull out the radio cluster in order to access the plug-in location.
- (2) Route the receiver harness through the opening in the glove box up to the radio and plug in the connector.



Note: On Solara installer may choose to plug in connector without removing radio by accessing the connector location from the bottom as shown. (Fig. 9-2)



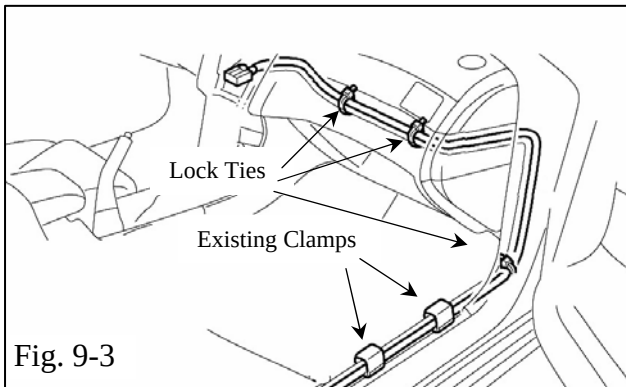
(3) Provide sufficient cable slack to connect to the audio head unit. Adjust the slack of the cable to match slack of other cables.

(4) Place the radio cluster back into position.

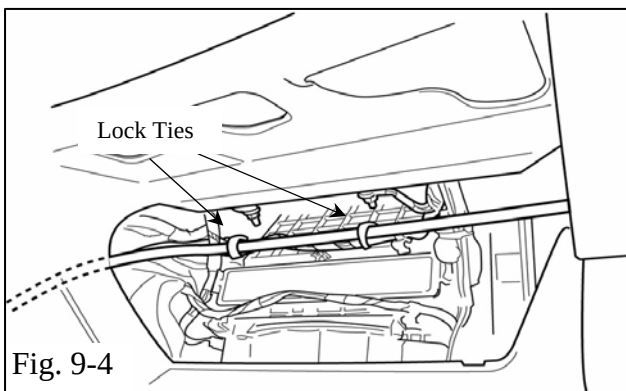


(5) Be careful not to crimp any of the factory harnesses or the receiver harness when replacing the radio.

(6) Continue routing the harness behind the glove box and lock tie in 2 locations. (Fig. 9-3)

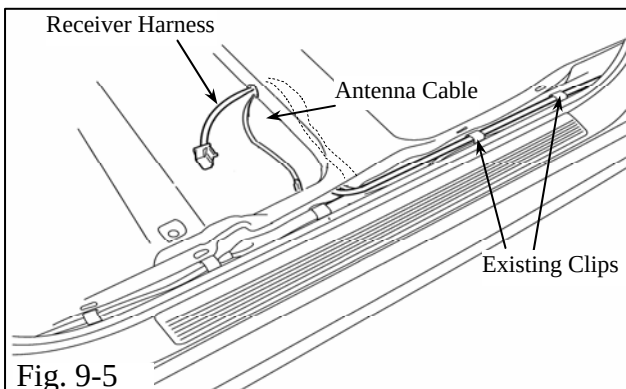


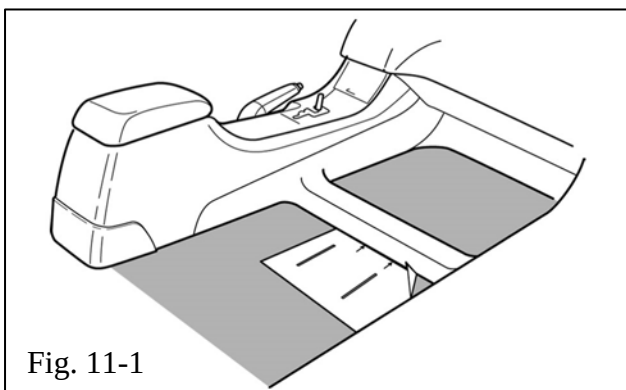
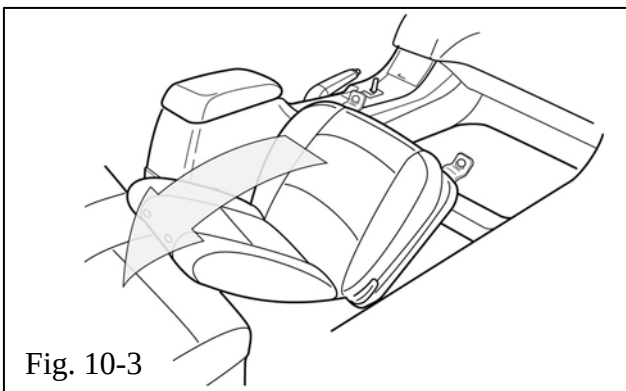
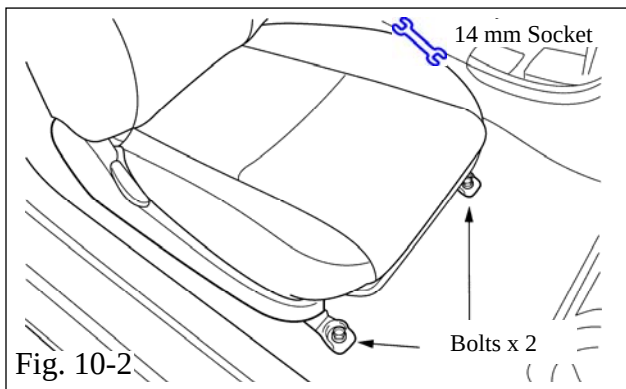
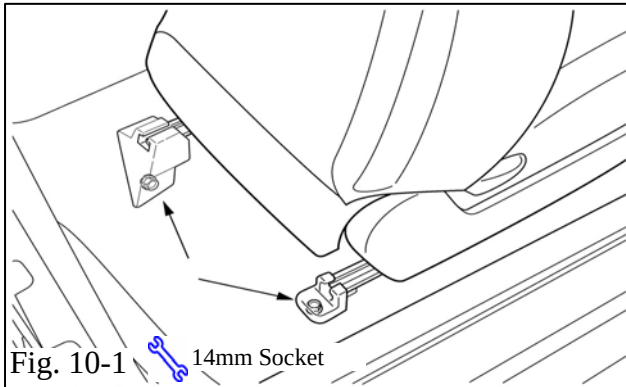
(7) The 2 lock ties behind the glove box should be attached to the factory harness as shown. (Fig. 9-4)



(8) Route the receiver harness down toward the doorsill using the existing clamps in the doorsill. (Fig. 9-5)

(9) After the seat is moved in step 10 the harness will be routed under the carpet & out the opening in the carpet to where the receiver will be installed. (Fig. 9-5)





10. Access Receiver Installation Area.



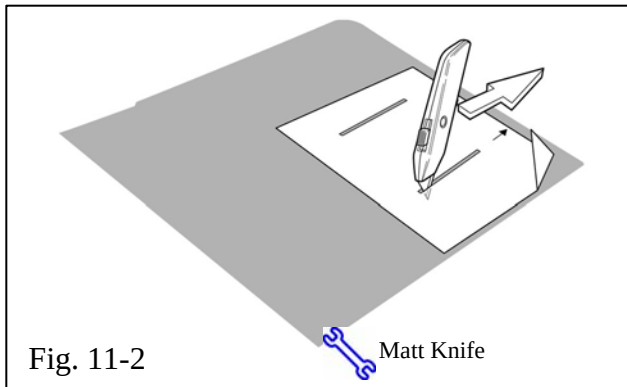
- (a) Protect the center console area before accessing seat.
- (b) Slide the seat forward and remove the two (2) plastic covers on the seat rails. Remove the three (3) bolts under the plastic covers. (Fig. 10-1)
- (c) Slide the seat backwards and remove the two (2) bolts that hold the front end of the seat rails. (Fig. 10-2)
- (d) Tilt the seat backwards.
 - (1) Position the seat so it remains tilted back to access the receiver mounting area. (Fig. 10-3)
 - (2) Make sure it is positioned so that there is not too much tension on the factory harness that is connected under the seat.



11. Cut Carpet.

- (a) Position the carpet-cutting template on the floor under the passenger seat as shown. (Fig. 11-1) (Seat not shown in picture)
- (1) Place a hard flat floor protector under the carpet & pad to protect the floor from the cutting tool.





(b) Using a carpet cutting knife cut the carpet all the way through to the floor. (Fig 11-2)

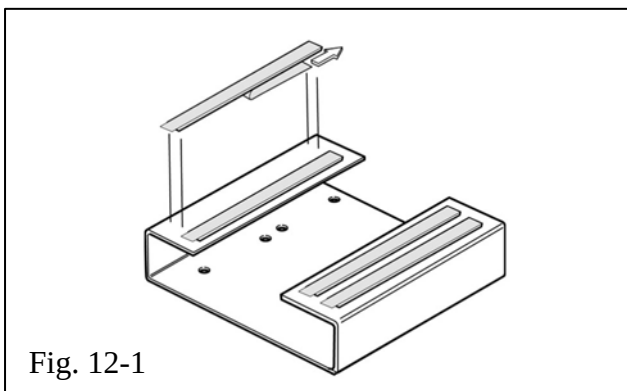


(1) Make sure there are no wires under the carpet where the cuts will be made.

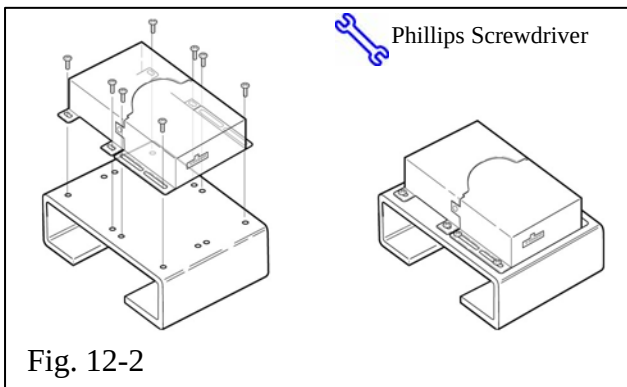
(2) Cut the full length along the cutting lines on the template.

(3) Make sure the carpet is cut all the way through to the floor the full length of the cut lines.

Note: Installer may choose to cut an additional ½" longer cut forward in order to ease installation of the bracket.



12. Install the Receiver.

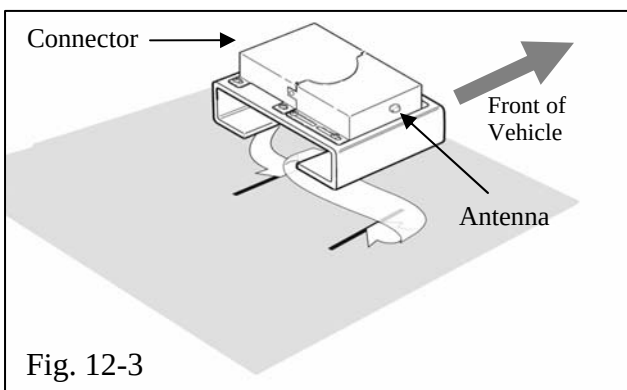


(a) Clean the bracket with an approved cleaner and apply 4 pieces of double sided tape onto the bracket as shown. (Fig. 12-1)

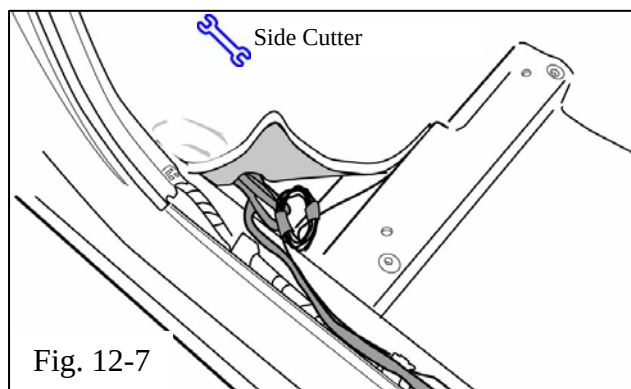
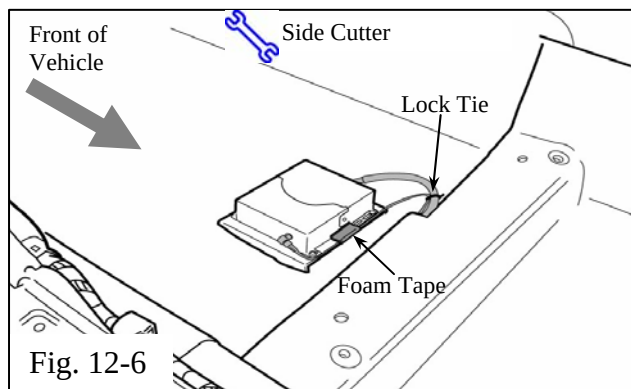
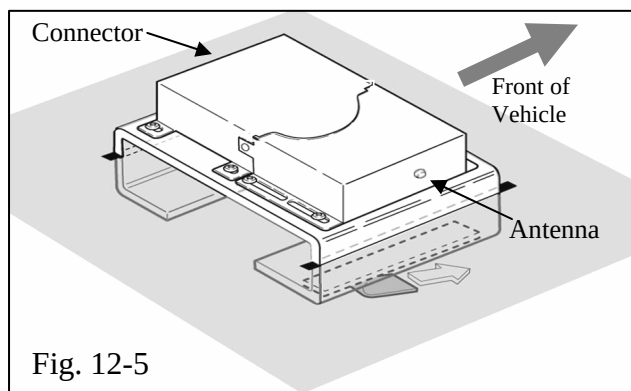
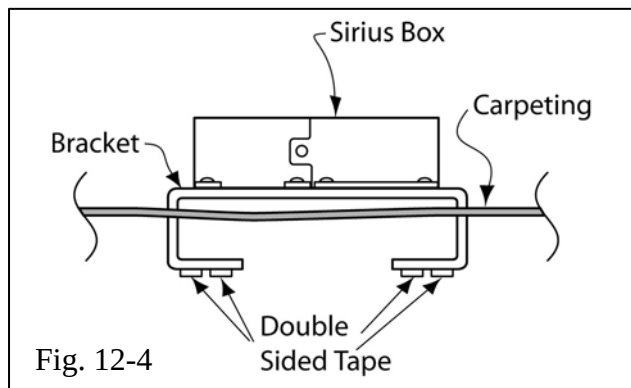


Note: All tape mounting surfaces must be completely dry and installation temp must be between 60° - 100° F.

(b) Install the receiver onto the bracket using the 8 screws supplied in the kit. (Fig. 12-2)



(c) Place the bracket/receiver assembly through the carpet as shown (Fig. 12-3)



(1) Make sure the bracket goes all the way through the carpet so that the feet can be mounted to the floor pan. (Fig. 12-4)

(d) Clean the floor pan mounting area with an approved cleaner then remove the 4 release tabs from the bottom of the bracket and mount the bracket to the floor pan. (Fig. 12-5)



Note: All tape mounting surfaces must be completely dry and installation temp must be between 60° - 100° F.



(1) Make sure the bracket is firmly attached to the floor pan by firmly applying pressure down on the receiver/bracket assembly.

(e) Plug the connector and antenna into the receiver module.

(1) Tape the antenna cable down to the bracket with a piece of foam tape as shown. (Fig. 12-6)

(2) Lock tie antenna cable and harness together as shown. (Fig 12-6)

(3) Bundle up any excess harness and antenna cable with lock tie and foam tape and place under the carpet as shown. (Fig. 12-7)



NOTE: Clip all lock ties before reassembly.

13. Retighten the Radio/Player Head Unit.

- (a) Re-install the four (4) screws.

14. In Process Functional Test.



- (a) Temporarily reconnect battery negative cable.
- (b) Turn ignition key to ACC position.
- (c) Press the power button on the receiver/player head unit. Verify the backlighting illuminates.
- (d) Press and release the "SAT" button on the head unit.
 - (1) Verify that a satellite channel is received, or a "NO SIGNAL" message appears on the display.

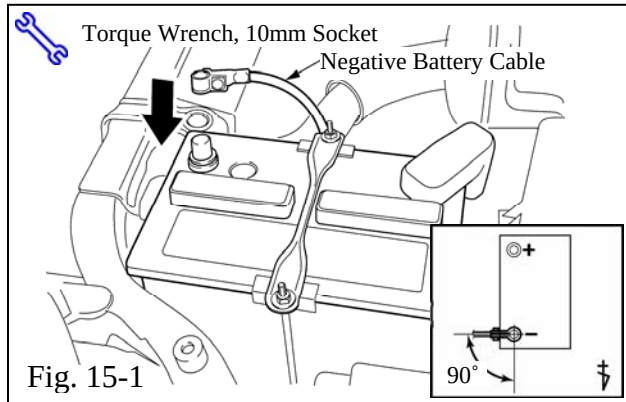
NOTE: If "ANTENNA" appears (flashing) on the display - then one or both of the antenna cables are disconnected from the satellite tuner.

NOTE: If the head unit will not tune or go into satellite mode - then the tuner cable is disconnected from the satellite tuner.

- (e) Disconnect battery negative cable.

15. Complete the Reassembly of the Vehicle:

- (a) Re-install the front seat
 - (1) Reinstall the bolts loosely, and then tighten them.
-  (2) Tighten bolts to 37 N-m (27 ft-lbf)
- (3) Reconnect any disconnected connectors.
- (b) Reinstall glove box.
- (c) Reinstall upper console panel.
 - (1) Reconnect any disconnected connectors.
- (d) Reinstall lower console panel.
 - (1) Reconnect the lighter connector and clip.



(e) Reinstall doorsill.

(f) Reconnect the vehicle's negative battery cable. (Fig. 15-1)

(1) Position the negative terminal at an angle of $\sim 90^\circ$ (+/- 30) to the battery as shown.

(2) Tighten the nut with 4.1 N-m (36 lbf-in) of torque.

(3) Be careful not to touch the positive battery terminal.

(g) Clean up and remove any trash.



(h) Place the owner "SIRIUS Satellite Radio" brochure in the glove box.

(i) **Note:** The sunroof may not operate correctly when the battery has been disconnected. If this is the case the sunroof needs to be reset.

(1) Normalize the sunroof by pushing and holding the switch to the "TILT UP" side until the sunroof tilts all the way up and then tilts down a little automatically (approx. 10 mm at the rear).

(2) Confirm SLIDE/OPEN and TILT/UP functions.

(3) When completed, make sure the sunroof is completely closed.

TOYOTA SOLARA/Camry 2004 - SATELLITE RADIO TUNER

Checklist - these points **MUST** be checked to ensure a quality installation.

<u>Check:</u>	<u>Look For:</u>
<u>Accessory Function Checks</u> ☐ Satellite Radio Tuner. ☐ Receiver/player Assembly.	 *Verify the proper operation of the Satellite Radio Tuner. *Verify the proper operation of the Receiver/player Assembly. *Verify both AM & FM have good reception. *(Refer to the receiver assembly and radio owner's manuals.)
<u>Vehicle Function Checks</u> ☐ Hazard switch. ☐ Proper operation of the removed seat lock mechanism. ☐ HVAC. ☐ Multi-information displays.(Clock, Temp., and MPG meter) ☐ Operation of the L&R seat heater switch. ☐ Operation of the 12V outlet switch. .	 Proper operation of the hazard switch. Proper operation of the removed seat lock mechanism. Proper operation of the air conditioning system. Verify the proper operation of the multi-information displays. Verify the proper operation of the L&R seat heater switch. Verify the proper operation of the 12V outlet switch.

Preparation

Part Number: PT546-33050**NOTE:** Part number of this accessory may not be the same as the part number shown.**Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Receiver Assy, Radio
2	2	Receiver Bracket
3	1	Receiver Cable
4	1	Template (for Bracket Drilling)
5	1	Template (for Locating Antenna)
6	1	Antenna

Hardware Bag Contents-1

Item #	Quantity Req'd.	Description
1	2	Cushion Tape
2	16	Lock Tie A

Hardware Bag Contents-2

Item #	Quantity Req'd.	Description
1	2	Nut (M6)
2	4	Screw (M5 X 6)

Hardware Bag Contents-3

Item #	Quantity Req'd.	Description
1	4	Lock Tie B
2	2	Wire Clamp

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1		
2		
3		

Conflicts

--

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Goggles	
Seat Cover	
Floor Protectors	

Special Tools	Notes
None	
Installation Tools	Notes
Ratchet	
Extension	
Socket	10 mm, 12 mm
Phillips Screwdriver	
Nylon Removal Tool	e.g. Panel Pry Tool #1 Toyota SST # 00002-06001-01
Torque Wrench	
Side Cutter	
Electric Drill	
Center Punch, Hammer	
Drill Bit	7 mm (1/4")
Masking Tape	
Special Chemicals	Notes
Cleaner	3M™ Prep Solvent-70
Sealer	3M™ Ultra-Pro Body Sealant

General Applicability

Requires Premium Audio

Recommended Sequence of Application

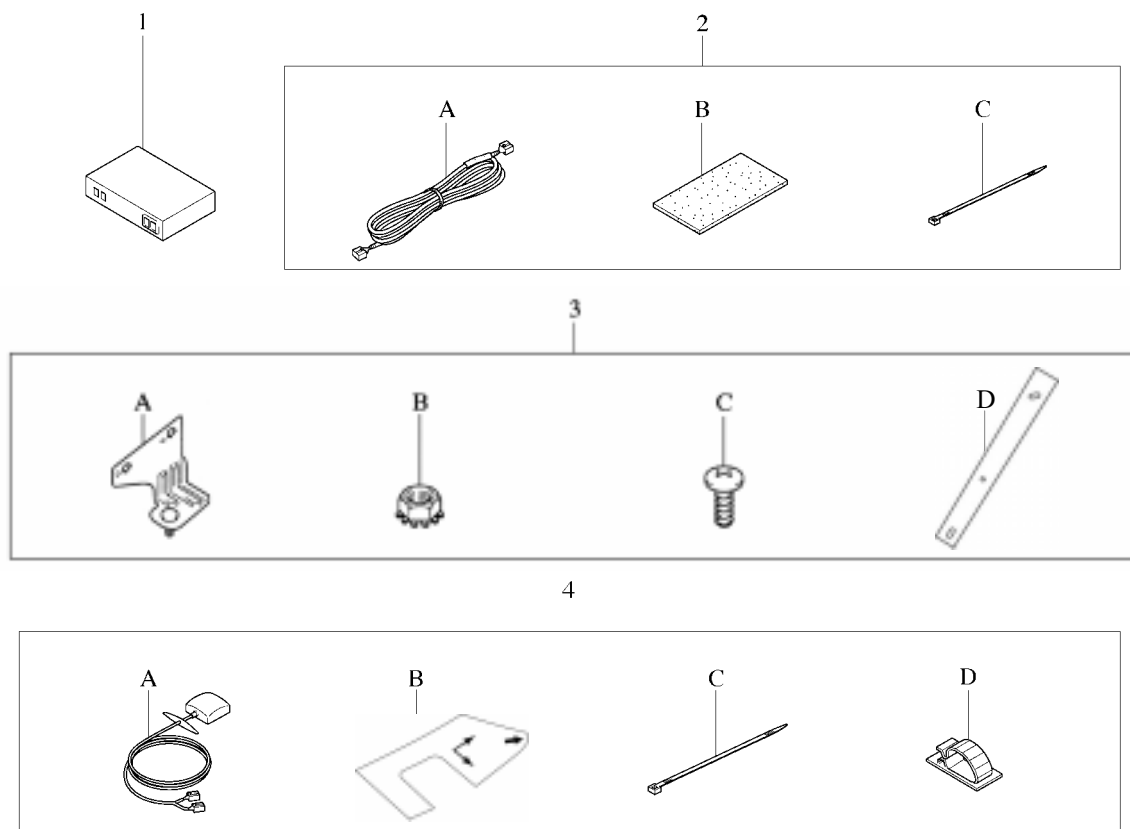
Item #	Accessory
1	TVIP
2	EC Mirror
3	Audio 6-Disc Changer
4	Satellite Radio

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		

Legend**STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.**OPERATOR SAFETY:** Use caution to avoid risk of injury.**CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.**TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.



Item #		Parts Name	Qty
1		RECEIVER ASSY, RADIO	1
2	A	RECEIVER CABLE	1
	B	CUSHION TAPE	2
	C	LOCK TIE A	16
3	A	RECEIVER BRACKET	2
	B	NUT (M6)	2
	C	SCREW (M5 x 6)	4
	D	TEMPLATE (for drilling)	1
4	A	ANTENNA	1
	B	TEMPLATE (to locate antenna)	1
	C	LOCK TIE B	4
	D	WIRE CLAMP	2

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:-

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

1. Vehicle Disassembly.

- (a) Remove the negative battery cable.
(Fig. 1-1)



- (1) Protect fender before starting.
(2) Do not touch the positive terminal with any tool when removing cable.

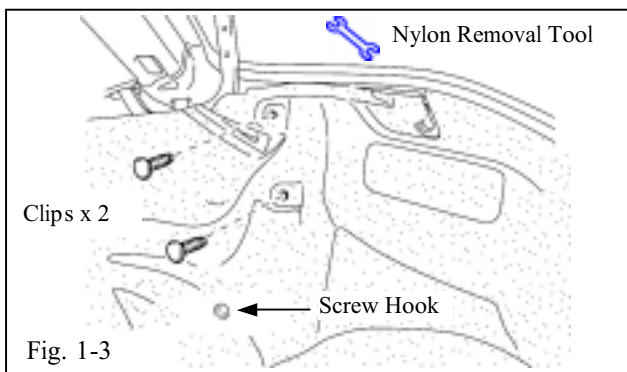
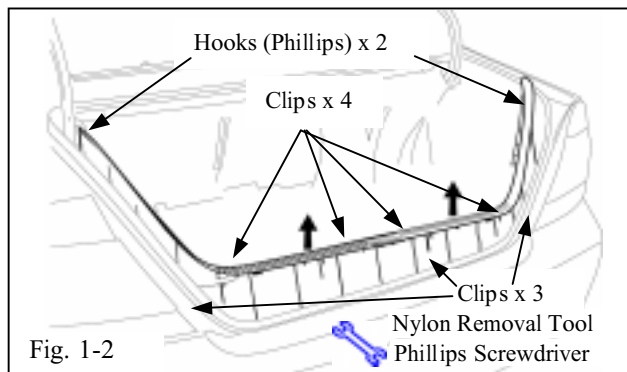
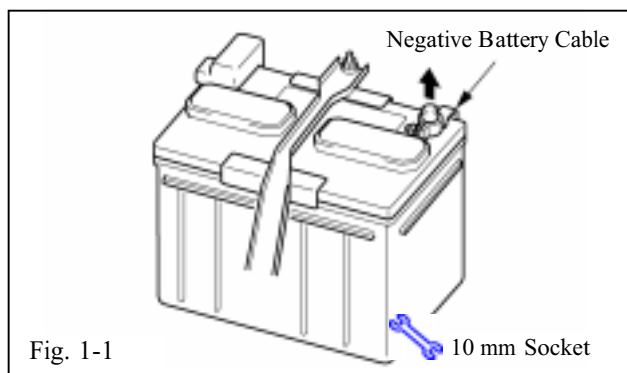
- (b) Remove the trunk mat.

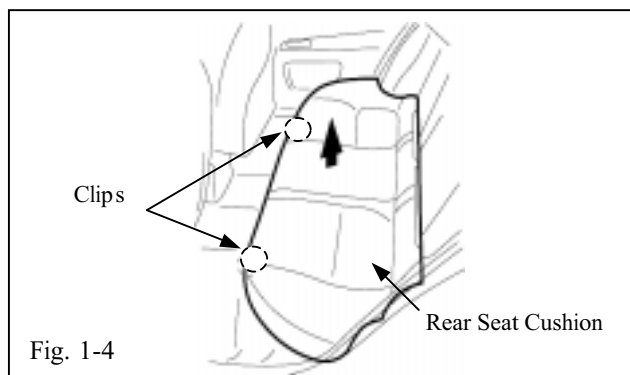
- (c) Remove the trunk plastic trim piece.
(Fig. 1-2)

- (1) Remove plastic hooks with a Phillips screwdriver.
(2) Detach clips and pull upward on trim to remove.

- (d) Remove the trim cover in the luggage compartment. (Fig. 1-3)

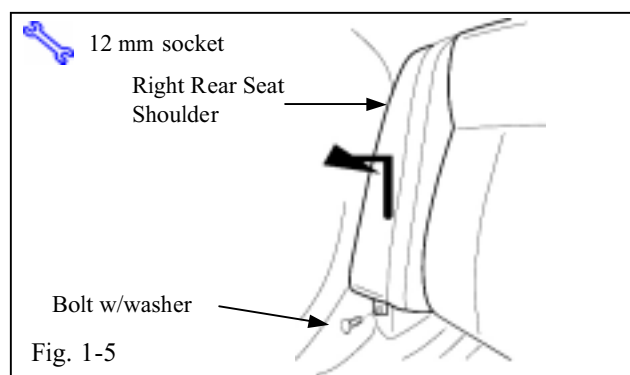
- (1) Remove screw hook by turning counter clockwise.
(2) Remove and retain the plastic clips.





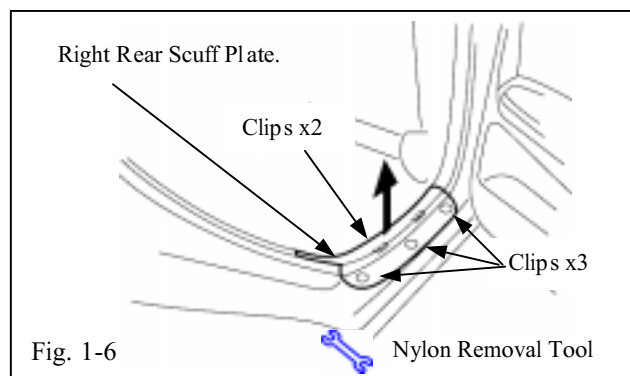
(e) Remove the rear seat cushion.

- (1) Lift rear seat cushion straight up disengaging clips located beneath. (Fig. 1-4)
- (2) Push female seat belt receptacles through seat cushion holes.



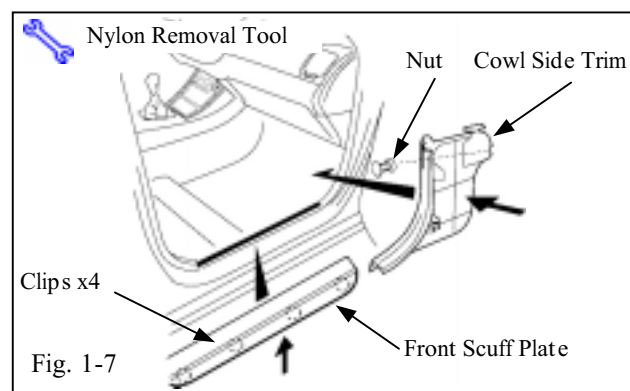
(f) Remove the passenger's side rear seat shoulder.

- (1) Use 12 mm socket and extension to remove the bolt located on rear right seat shoulder. (Fig. 1-5)
- (2) Slide up the rear seat shoulder up to remove. (Fig. 1-5)



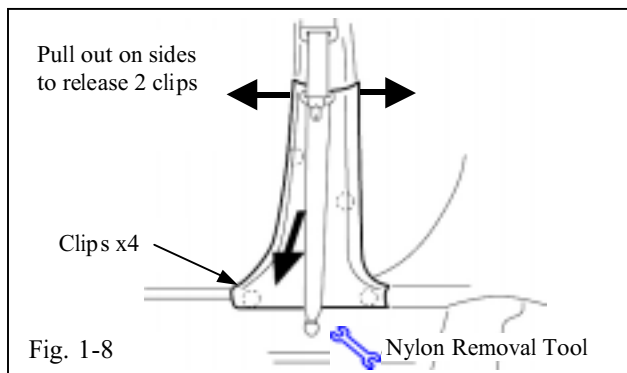
(g) Remove the passenger's side rear scuff plate.

- (1) Use nylon removal tool to disengage clips on rear right scuff plate. (Fig. 1-6)



(h) Remove the front passenger side scuff plate and cowl side trim. (Fig. 1-7)

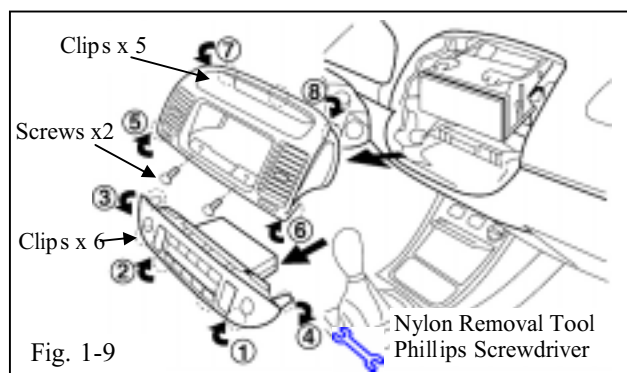
- (1) Use nylon removal tool to disengage clips on front right scuff plate.
- (2) Remove front scuff plate.
- (3) Remove right cowl side trim nut by turning counter clockwise.
- (4) Remove cowl side trim.



(i) Remove the Passenger's Side B Pillar Cover.

(1) Use nylon removal tool to disengage clips on right B pillar cover. (Fig. 1-8)

(2) Remove the B pillar cover. (Fig. 1-8)



(j) Disassemble Switch Unit and Center Cluster.



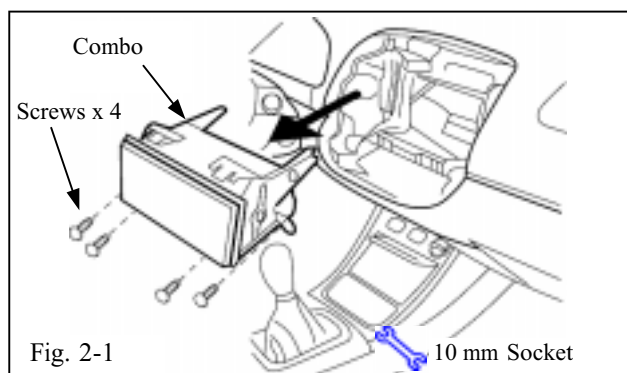
(1) Use nylon removal tool to disengage clips at positions 1 and 2, in numerical order shown, to the switch unit. Next remove positions 3 and 4. (Fig. 1-9)

(2) Unplug electrical connectors.



(3) Use nylon removal tool to disengage clips at positions 5 and 6, in numerical order shown, to the center cluster. Next remove positions 7 and 8. (Fig. 1-9)

(4) Unplug electrical connectors.



2. Remove the Radio/Combo.

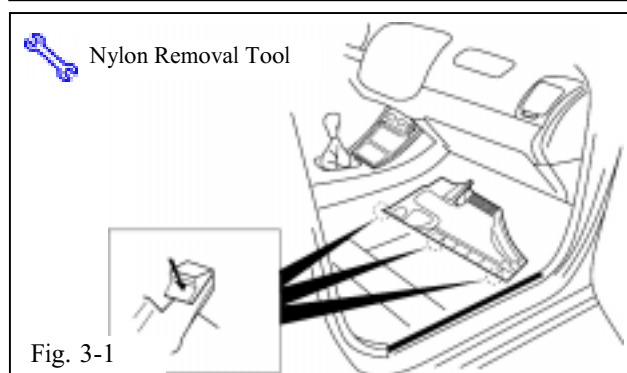
(a) Use 10 mm socket and extension to remove bolts located on combo. (Fig. 2-1)

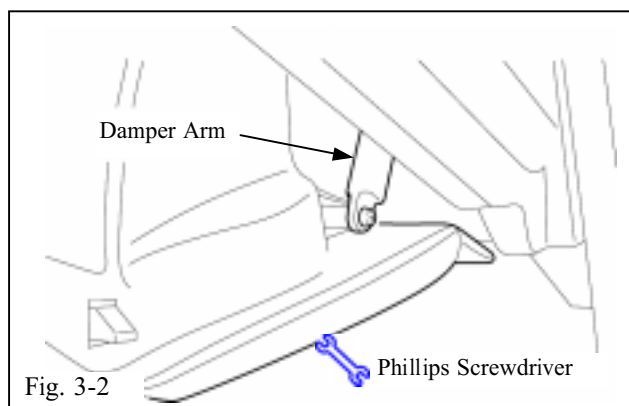
(b) Remove combo and disconnect connectors and antenna cable.

3. Remove Under Dash Cover and Glove Box.

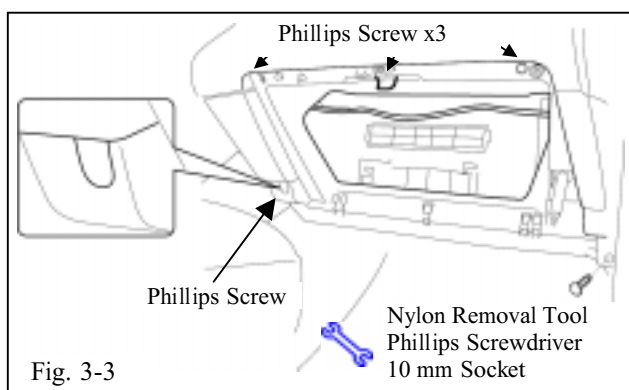
(a) Remove the under dash cover.

(1) Use nylon removal tool to disengage the three (3) clips on under dash cover. (Fig. 3-1)



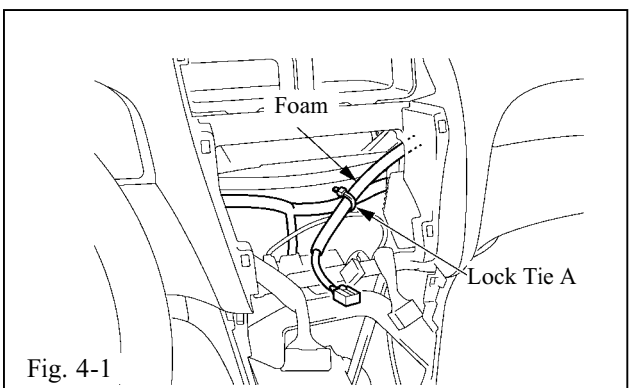


- (b) Remove the glove box. (Fig. 3-2)
 - (1) Open the glove box.
 - (2) Release damper with Phillips head screwdriver.
 - (3) Squeeze the sides of the glove box inwards to release the stoppers and open the glove box further.
 - (4) Disengage the three (3) clips along the glove box hinge.

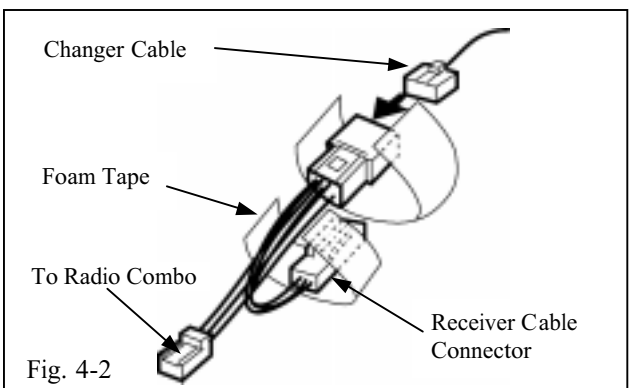


- (c) Remove the glove box surround. (Fig. 3-3)
 - (1) Remove the screw cover plate with the nylon removal tool.
 - (2) Remove four (4) screws and one (1) bolt.
 - (3) Pull the glove box straight out to remove.

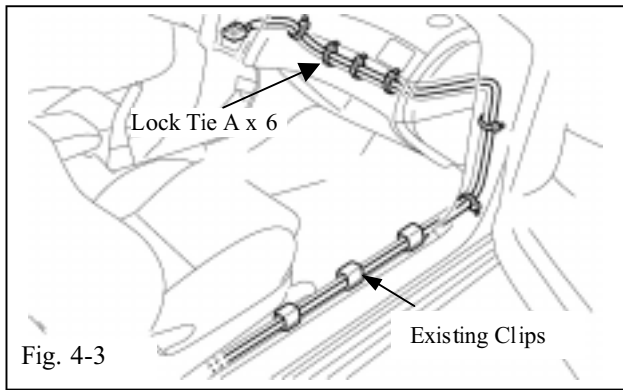
4. Route the Receiver Cable.



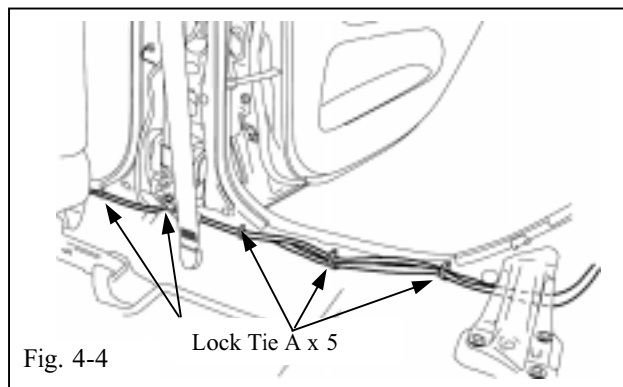
- (a) Install and route the receiver cable from the center cluster and along the front support bar. (Fig. 4-1)
- (b) Provide sufficient cable slack to connect to the tuner, and then secure the cable to the existing wire harness with one (1) lock tie A.



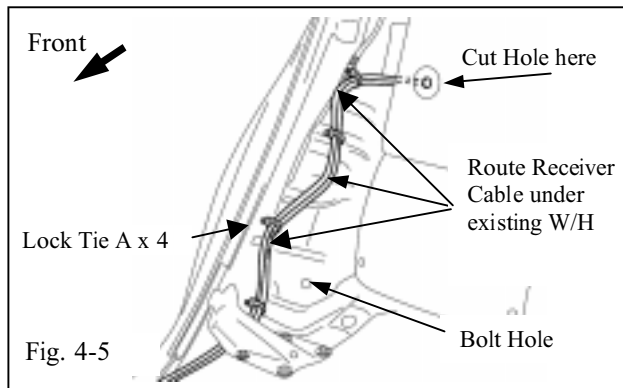
- (c) If the car has a 6-disc CD changer, peel back the foam tape on the Y-adaptor, and plug in the receiver cable. (Fig. 4-2).



- (d) Using six (6) lock ties-A attach receiver cable to existing W/H. (Fig. 4-3)
- (e) Route the receiver cable along the doorsill using the existing clips. (Fig. 4-3)

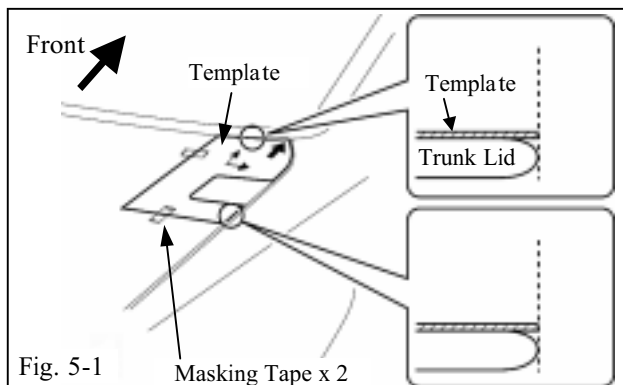


- (f) Route receiver cable as shown. (Fig. 4-4)
- (g) Route the receiver cable under the existing W/H and secure with five (5) lock ties-A. (Fig. 4-4)

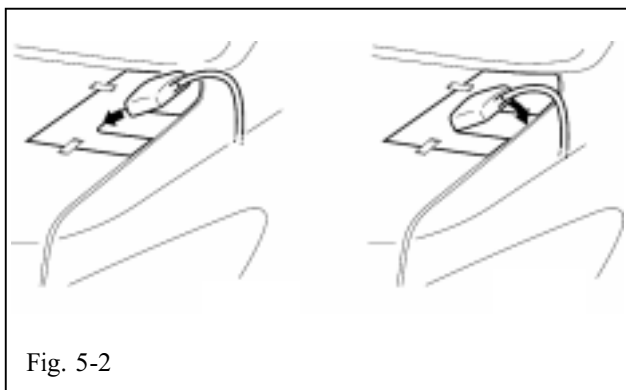


- (h) Cut hole in center of round foam sticker to access the trunk area. (Fig. 4-5)
- (i) Route receiver cable through the cut hole (covering the large hole in the bulkhead) leading to the luggage compartment. Route the receiver cable under the existing W/H and secure with four (4) lock ties-A. (Fig. 4-5)

5. Install the Antenna.



- (a) Clean the antenna mounting area with 3M™ Prep Solvent-70. (Fig. 5-1)
- (1) When cleaning with 3M™ Prep Solvent-70, follow the manufacturer's directions. Do not allow cleaner to air dry.
- (b) Position and tape the antenna mounting template onto the trunk lid as shown. (Fig. 5-1)

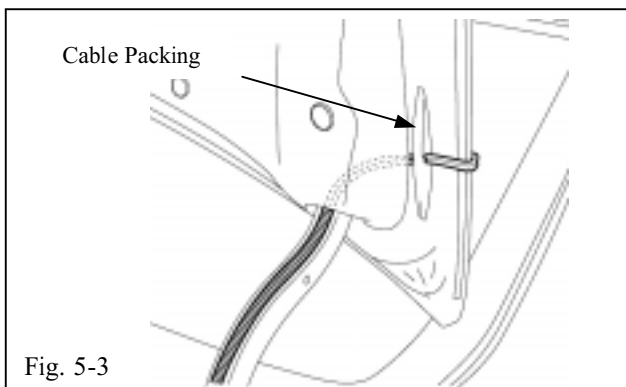


- (c) Remove the release paper from the back of antenna, and then attach the antenna onto the trunk lid. (Fig. 5-2)

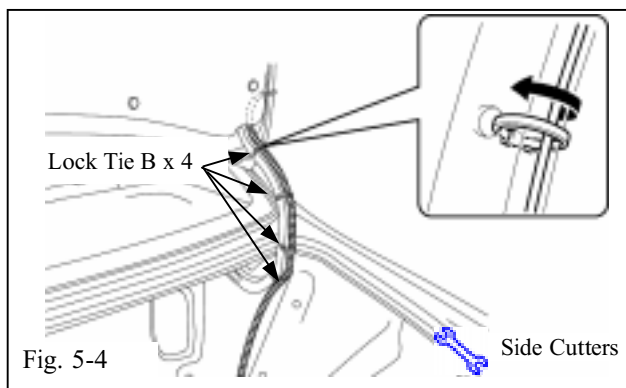


- (1) Align the front edge of the antenna with the template as shown and install it carefully. Once attached, the antenna cannot be easily removed.

- (d) Remove and discard the mounting template.

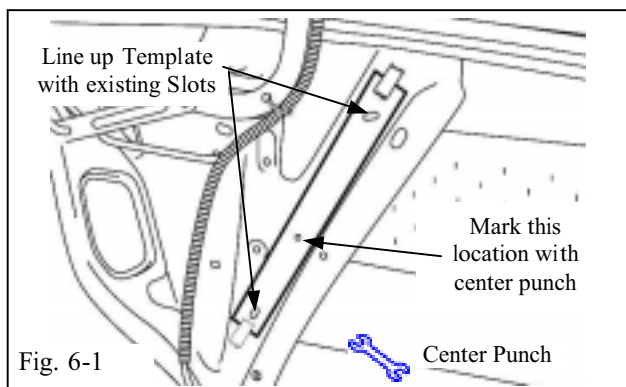


- (e) Secure the antenna cable, using attached cable packing, so it doesn't rub or pinch when the trunk lid is closed. (Fig. 5-3)
- (f) Route the antenna cable underneath the trunk lid cover. (Fig. 5-3)

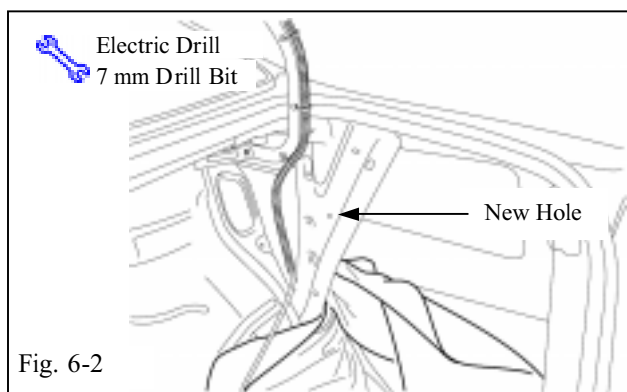


- (g) Route the antenna cable from the trunk lid into the trunk area along the trunk lid hinge. (Fig. 5-4)
- (h) Secure the antenna cable to the trunk lid hinge with four (4) lock ties-B. (Fig. 5-4)
- (i) Trim the excess and rotate the lock ties to rest the lock portions inside the holes in the hinge. (Fig. 5-4)

6. Mounting Hole for Receiver Bracket.

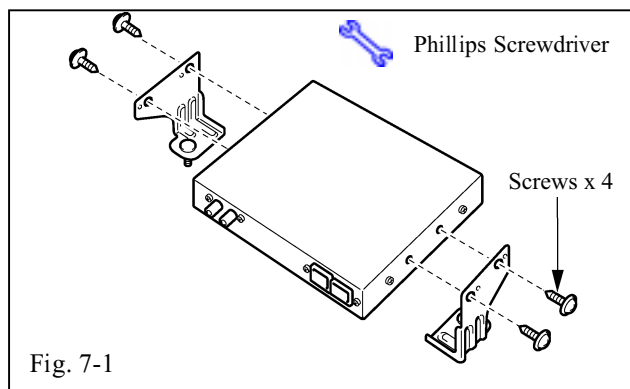


- (a) Position the bracket hole locating template on the passenger side inner trunk area as shown. (Fig. 6-1)
- (b) Use masking tape to secure the template.
- (c) Use a center punch to mark hole location.
- (d) Remove the template.

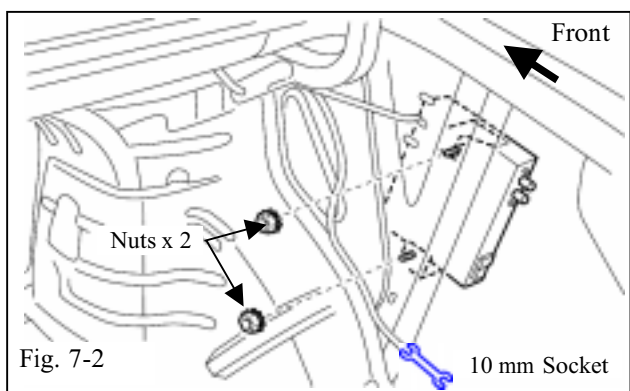


- (e) Place blanket around the base of the inner fender to collect the metal shavings.
(Fig. 6-2)
- (f) Drill a 7 mm (~1/4") hole at the indicated location.
- (g) De-bur the hole and apply the 3M Ultra-Pro Body Sealant.

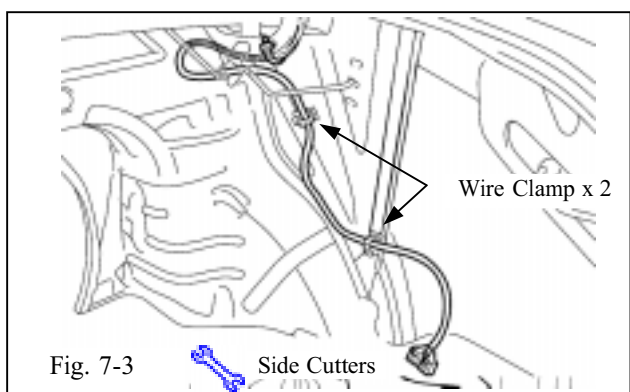
7. Install the Receiver.



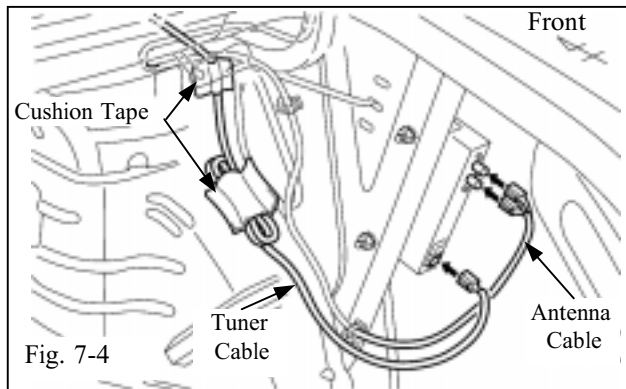
- (a) Install the mounting brackets onto the receiver. (Fig. 7-1)



- (b) Install the receiver on the right side of the luggage compartment using two (2) M6 nuts supplied in kit. Orient the tuner so the receiver connectors can be accessed from the rear as shown. (Fig. 7-2)



- (c) Finish routing the antenna cable as shown. Secure with two (2) wire clamps (Fig. 7-3).



(d) Clean the cushion tape mounting area.

(e) Plug the tuner cable into the tuner.

(1) If there is excessive slack, bundle and secure the excess cable using cushion tape as shown. (Fig. 7-4)

(f) Secure the tuner cable to the bulkhead using another cushion tape. (Fig. 7-4)

(g) Plug the antenna cables into the receiver.

(1) Connect the antenna cable connectors of the same color to the tuner.

8. Reinstall the Radio Combo Unit.

(a) Connect the satellite tuner cable and the connectors removed in Step 2. (b) into the rear of the combo unit.

(b) Insert combo unit into opening and re-install the four (4) screws.

9. In Process Functional Test.

(a) Temporarily reconnect battery negative cable.

(b) Turn ignition key to "ACC" position.

(c) Press the power button on the receiver/player head unit. Verify the backlighting illuminates.

(d) Press and release the "SAT" button on the head unit.

(1) Verify that a satellite channel is received, or a "NO SIGNAL" message appears on the display.

NOTE: If "ANTENNA" appears (flashing) on the display - then one or both of the antenna cables are disconnected from the satellite tuner.

NOTE: If the head unit will not tune or go into satellite mode - then the tuner cable is disconnected from the satellite tuner.

- (e) Disconnect battery negative cable.

10. Complete the Reassembly of the Vehicle.

- (a) Reinstall glove box surround, glove box and under dash cover.
- (b) Reinstall switch unit and center cluster.
 - (1) Reconnect the connectors.
- (c) Reinstall B-pillar cover, cowl trim cover, front scuff plate, and rear scuff plate..
- (d) Reinstall the passenger's side rear seat shoulder.
- (e) Reinstall the rear seat cushion.
- (f) Reinstall the trim cover in the luggage compartment, trunk plastic trim piece, and trunk mat.



- (g) Verify the panels fit together properly with no uneven gaps between them.

11. Complete the Installation.

- (a) Reconnect the vehicle's negative battery cable. (Fig. 11-1)
 - (1) Position the negative terminal at an angle of 90° to the battery as shown.
 - (2) Tighten the nut with 4.1 N-m (36 lbf-in) of torque.
 - (3) Be careful not to touch the positive battery terminal.



- (b) Clean up and remove any trash.



- (c) Place the owner "xM Satellite Radio" brochure in the glove box.



- (d) **NOTE:** The sunroof may not operate correctly when the battery has been disconnected. If this is the case the sunroof needs to be reset.

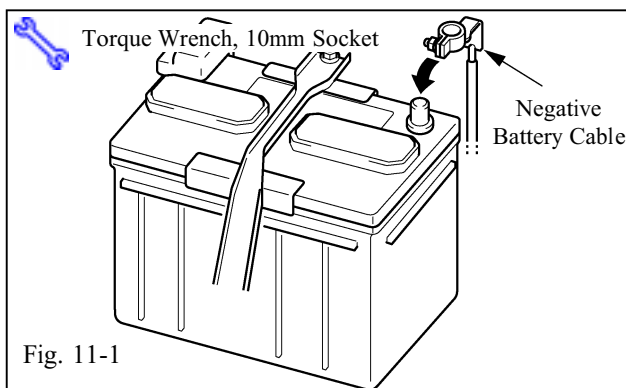


Fig. 11-1

- (1) Do the following:
- (2) Cut the plastic roof protection wrap (if present) using a Nylon Removal Tool or a Plastic squeegee on the right, left, and rear edges of the sunroof.
- (3) Then normalize the sunroof by pushing and holding the switch to the "TILT UP" side until the sunroof tilts all the way up and then tilts down a little automatically (approx. 10 mm at the rear).
- (4) Confirm SLIDE/OPEN and TILT/UP functions.
- (5) When completed, make sure the sunroof is completely closed.

TOYOTA CAMRY 2005 - SATELLITE RADIO TUNER

Checklist - these points **MUST** be checked to ensure a quality installation.

<u>Check:</u>	<u>Look For:</u>
<u>Accessory Function Checks</u> ☐ Verify the proper operation of the satellite radio tuner. ☐ Verify the proper operation of the receiver assembly and radio.	 *Verify the proper operation of the Satellite Radio Tuner. *Verify the proper operation of the Receiver/player Assembly *(Refer to the receiver assembly and radio owner's manuals.)
<u>Vehicle Function Checks</u> ☐ Hazard switch. ☐ HVAC. ☐ Rear Window Defogger. ☐ Multi-information display. (Clock, Temp., and MPG meter) ☐ Power Sunroof (if equipped) ☐ Glove box	 Proper operation of the hazard switch. Proper operation of the air conditioning system. Functioning Rear Window Defogger Verify the proper operation of the multi-information displays. Functioning Sunroof. Check that glove box opens without binding.